

FIG. 1 (Prior Art)

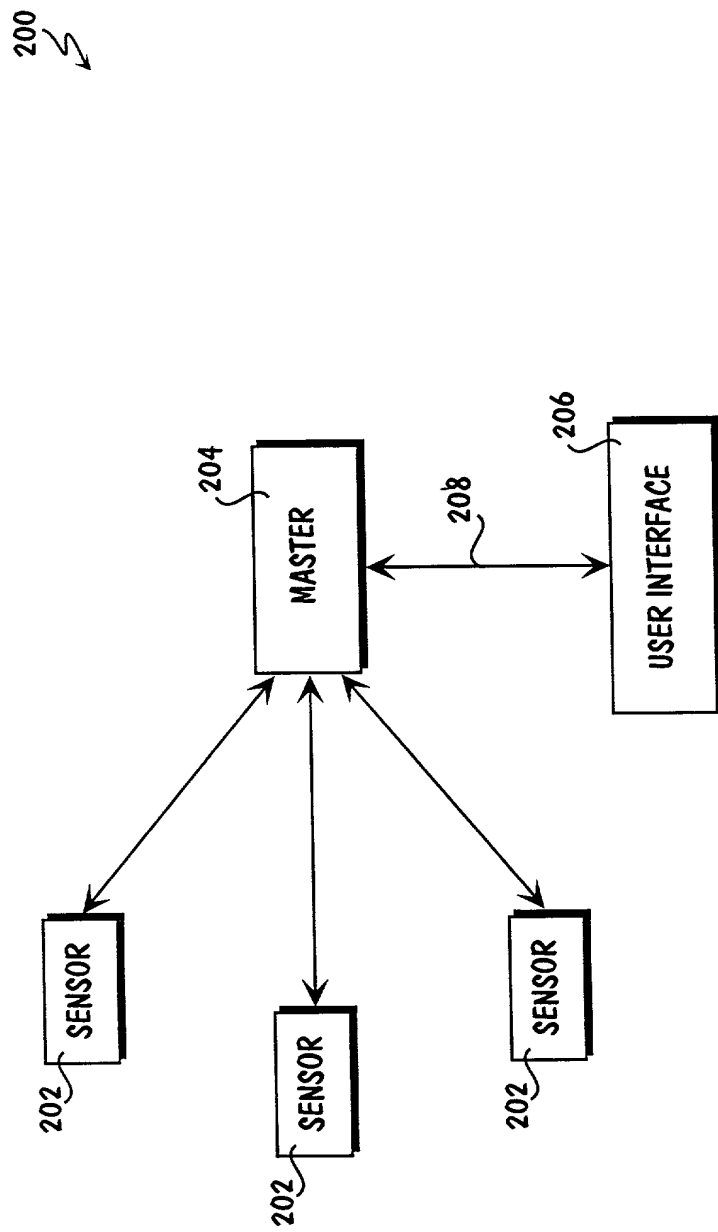


FIG. 2 (Prior Art)

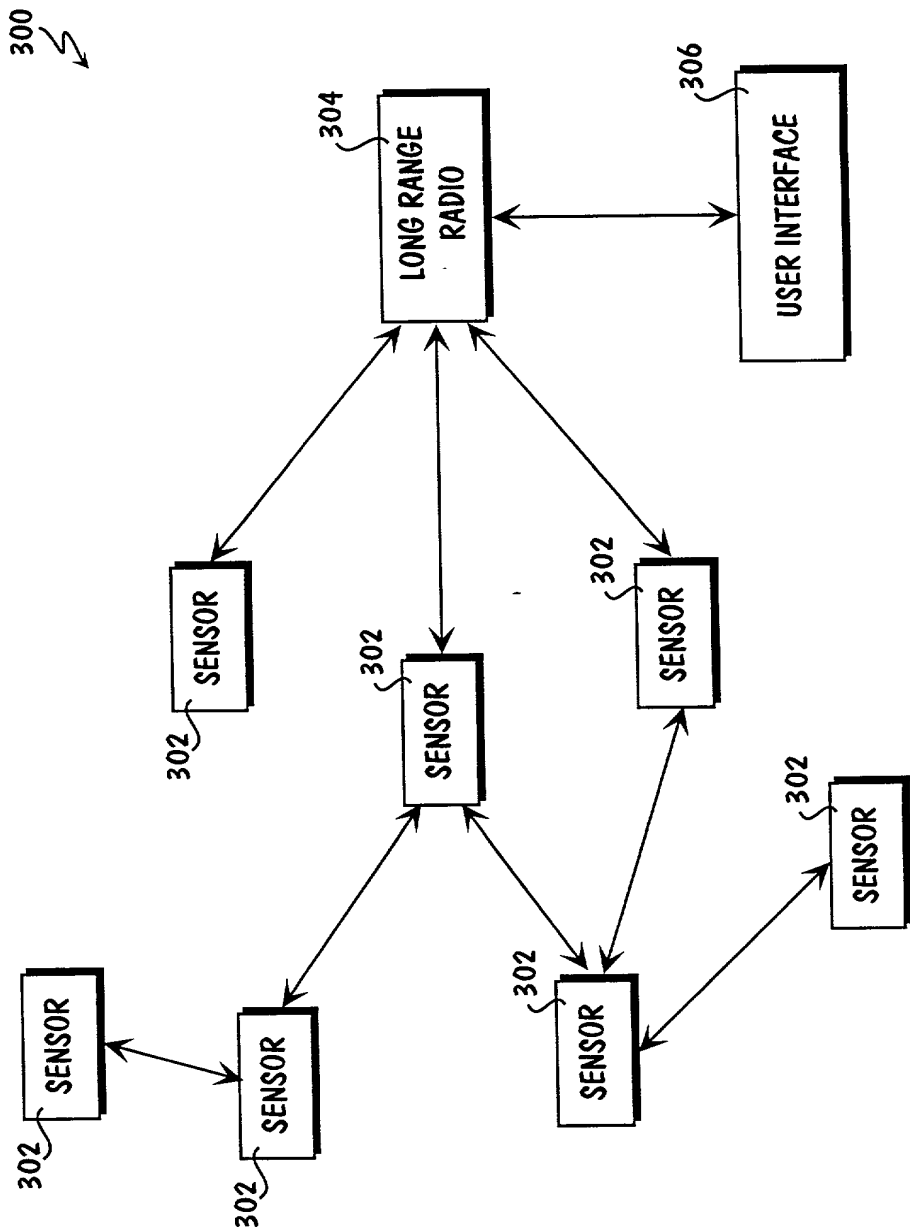


FIG. 3 (Prior Art)

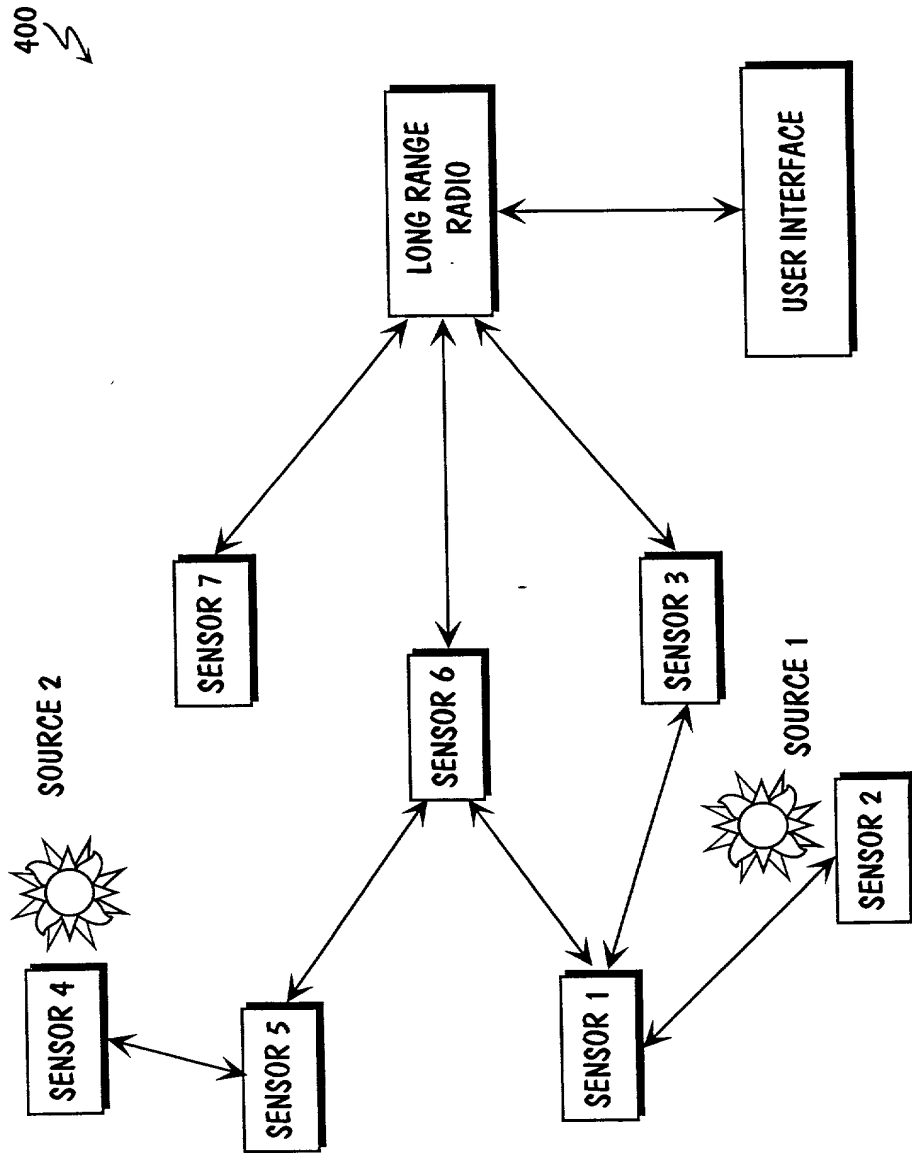


FIG. 4 (Prior Art)

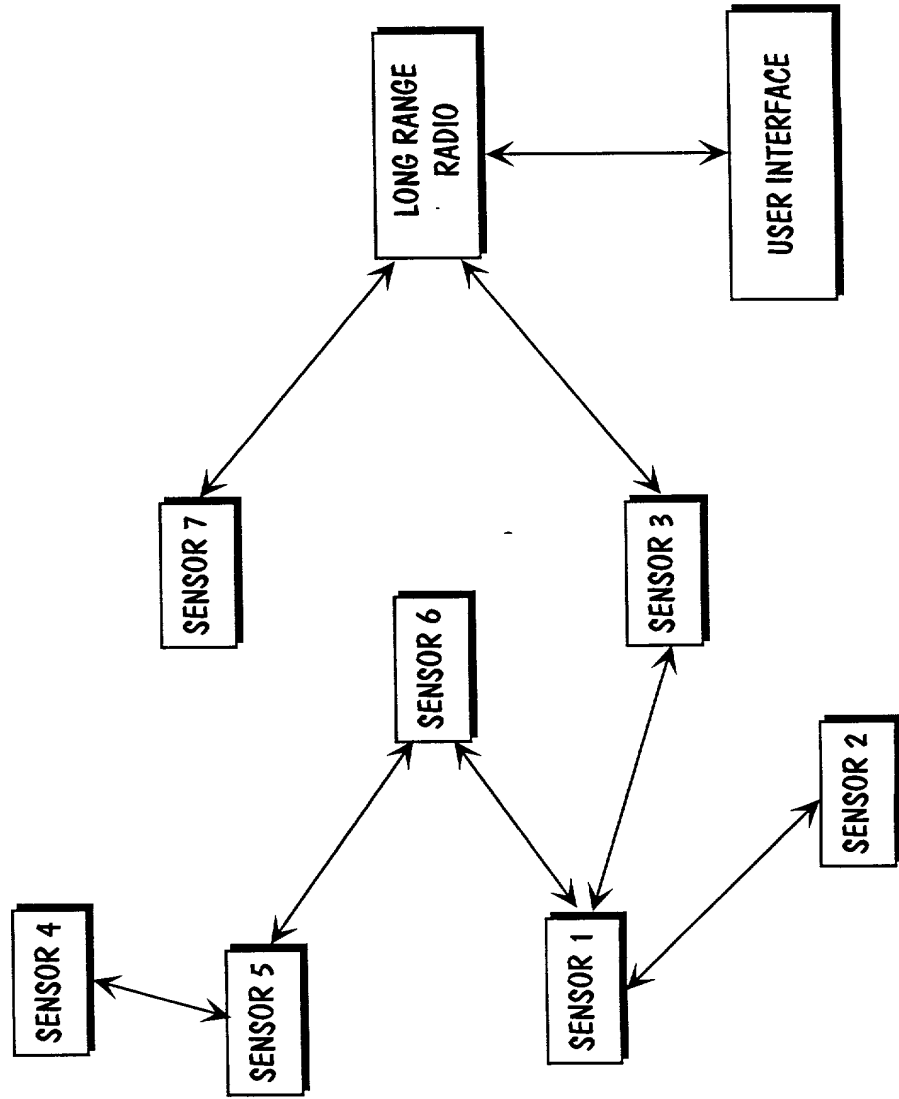


FIG. 5 (Prior Art)

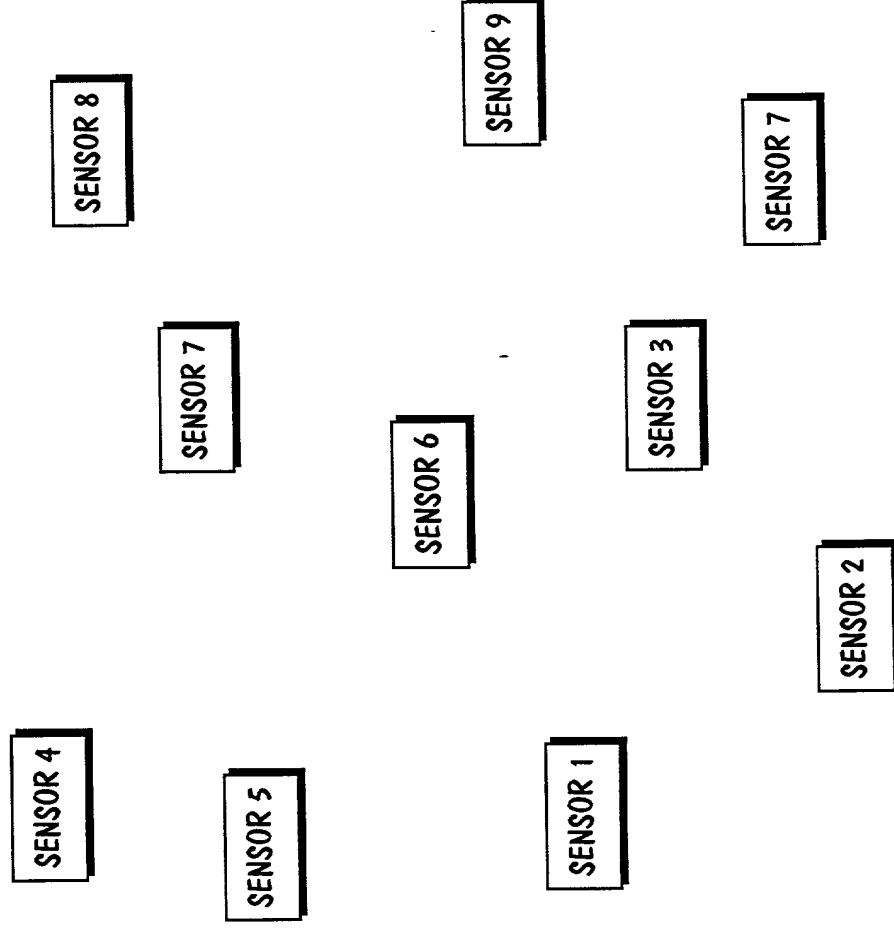


FIG. 6 (Prior Art)

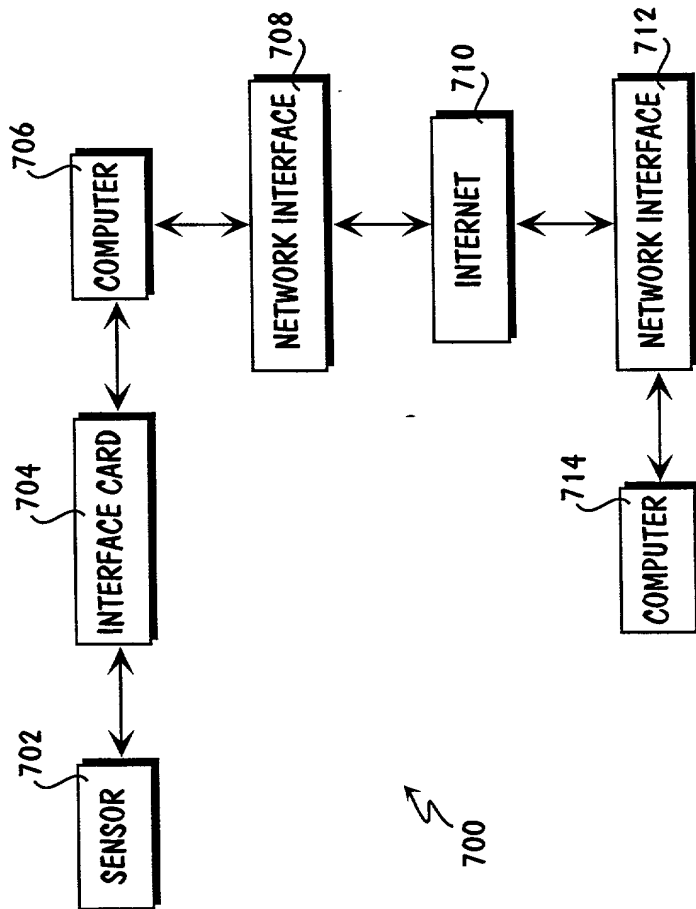
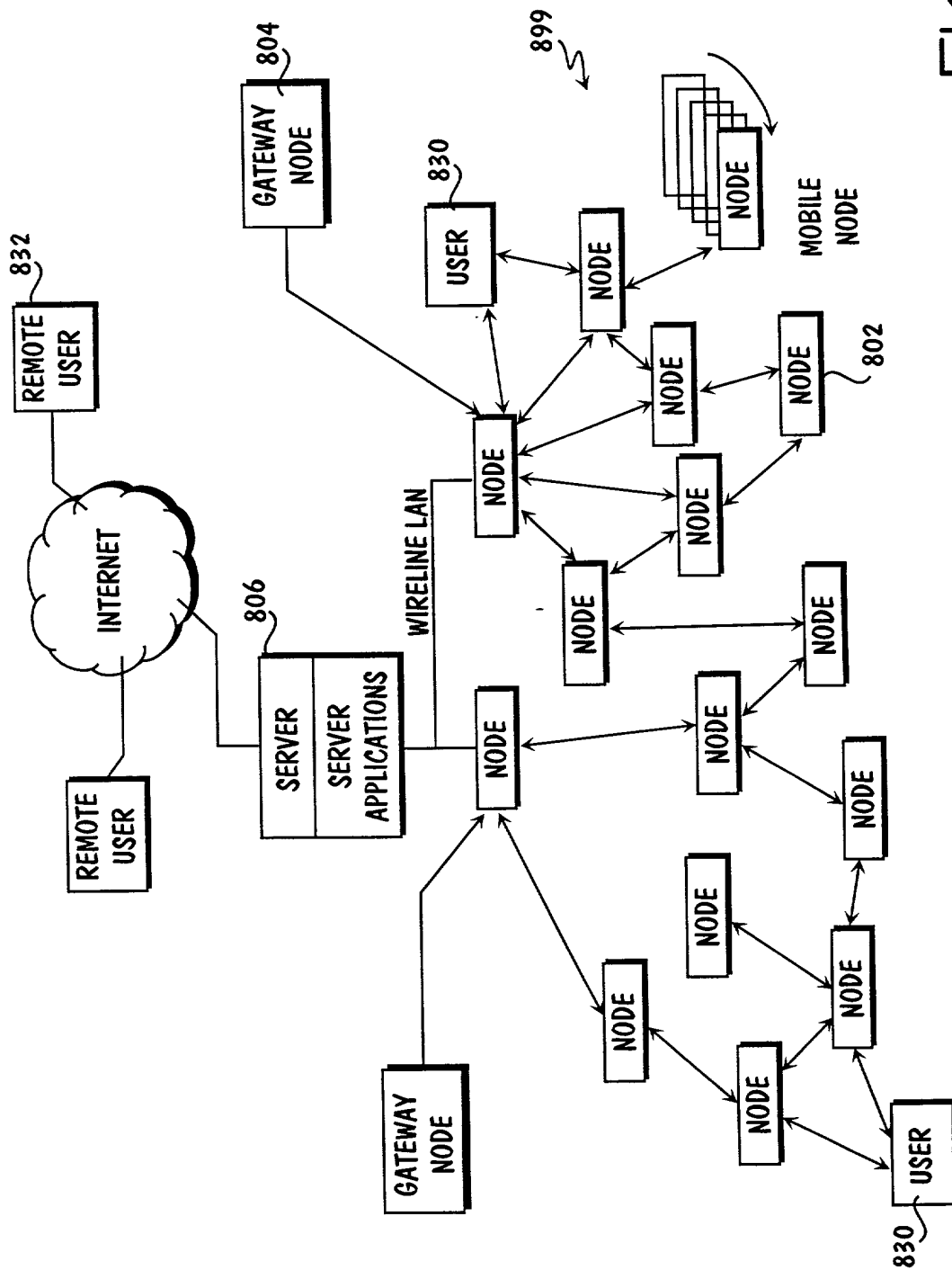


FIG. 7 (Prior Art)



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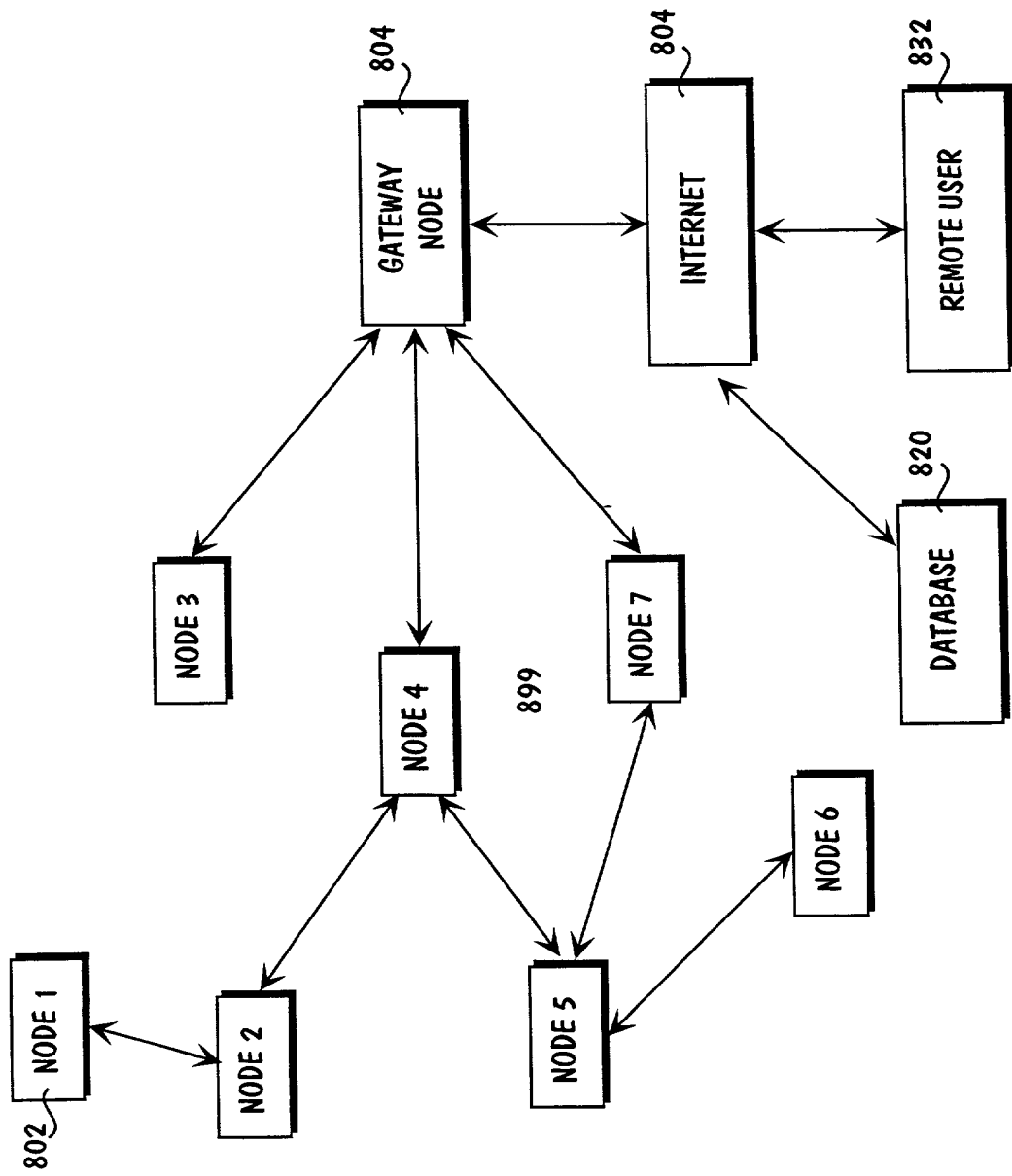


FIG. 9

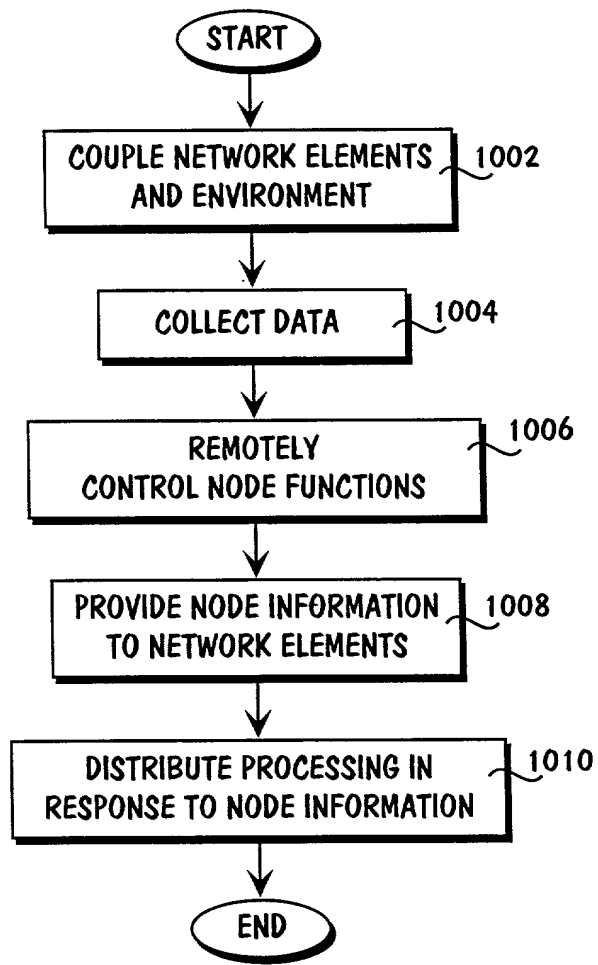


FIG. 10

1100
↘

PROCESSING WITHIN NODES

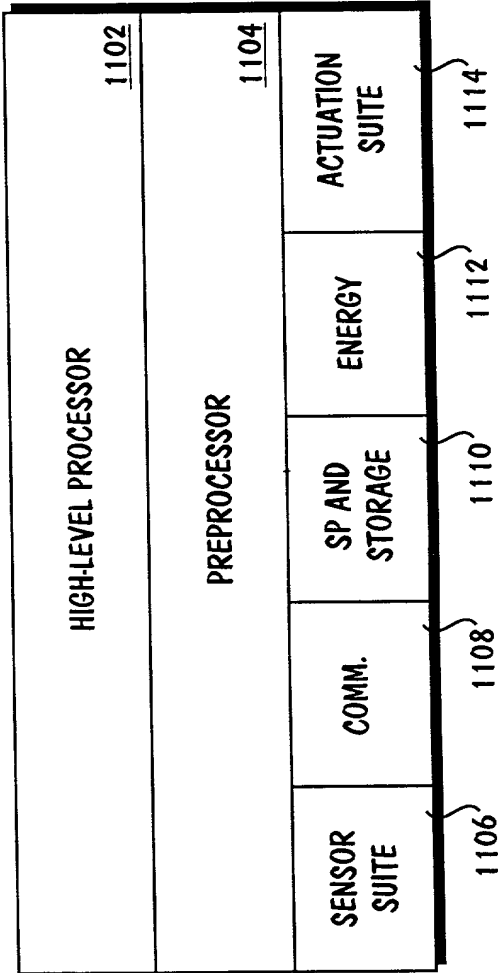


FIG. 11

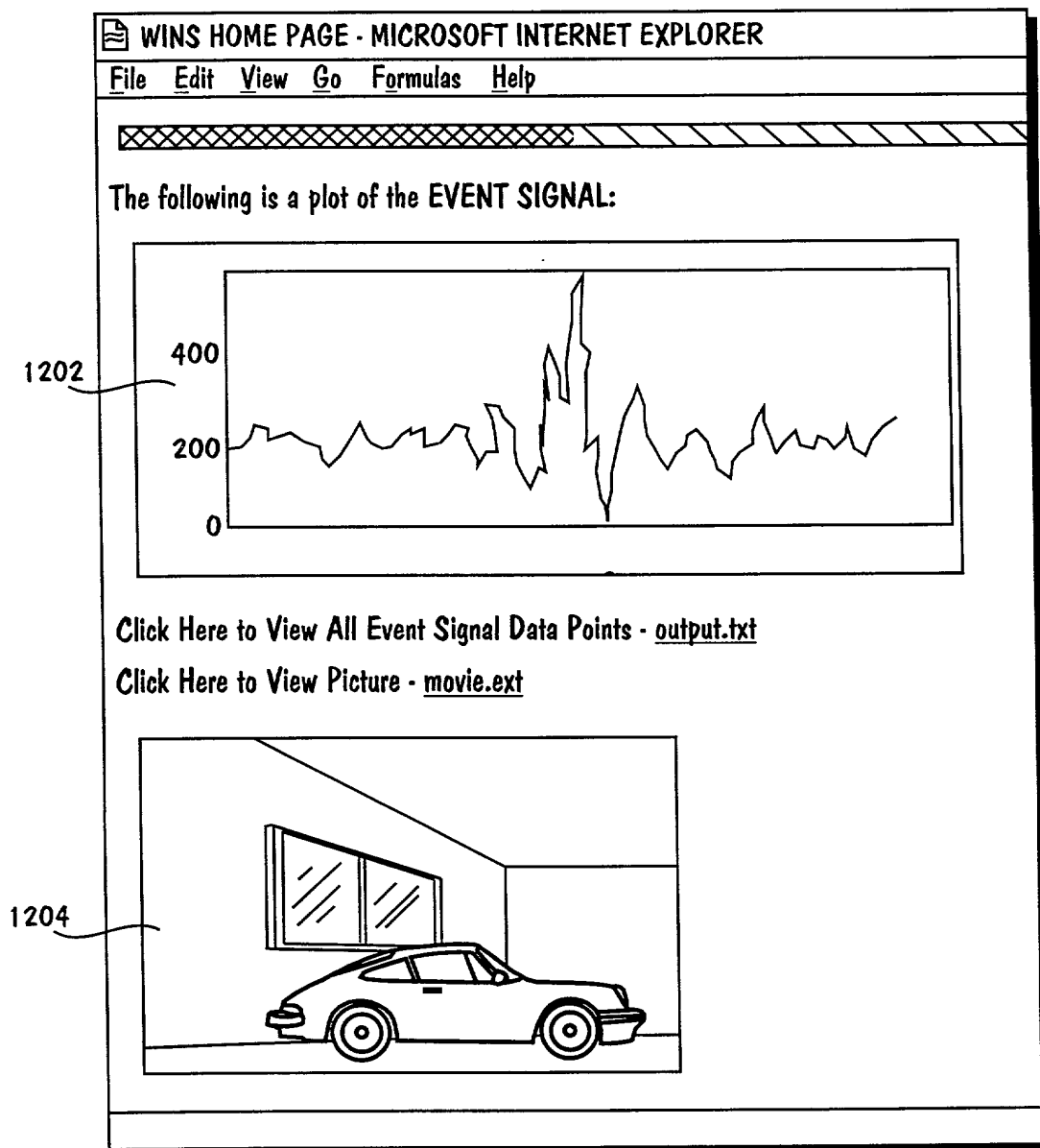


FIG. 12

004007" 90248960

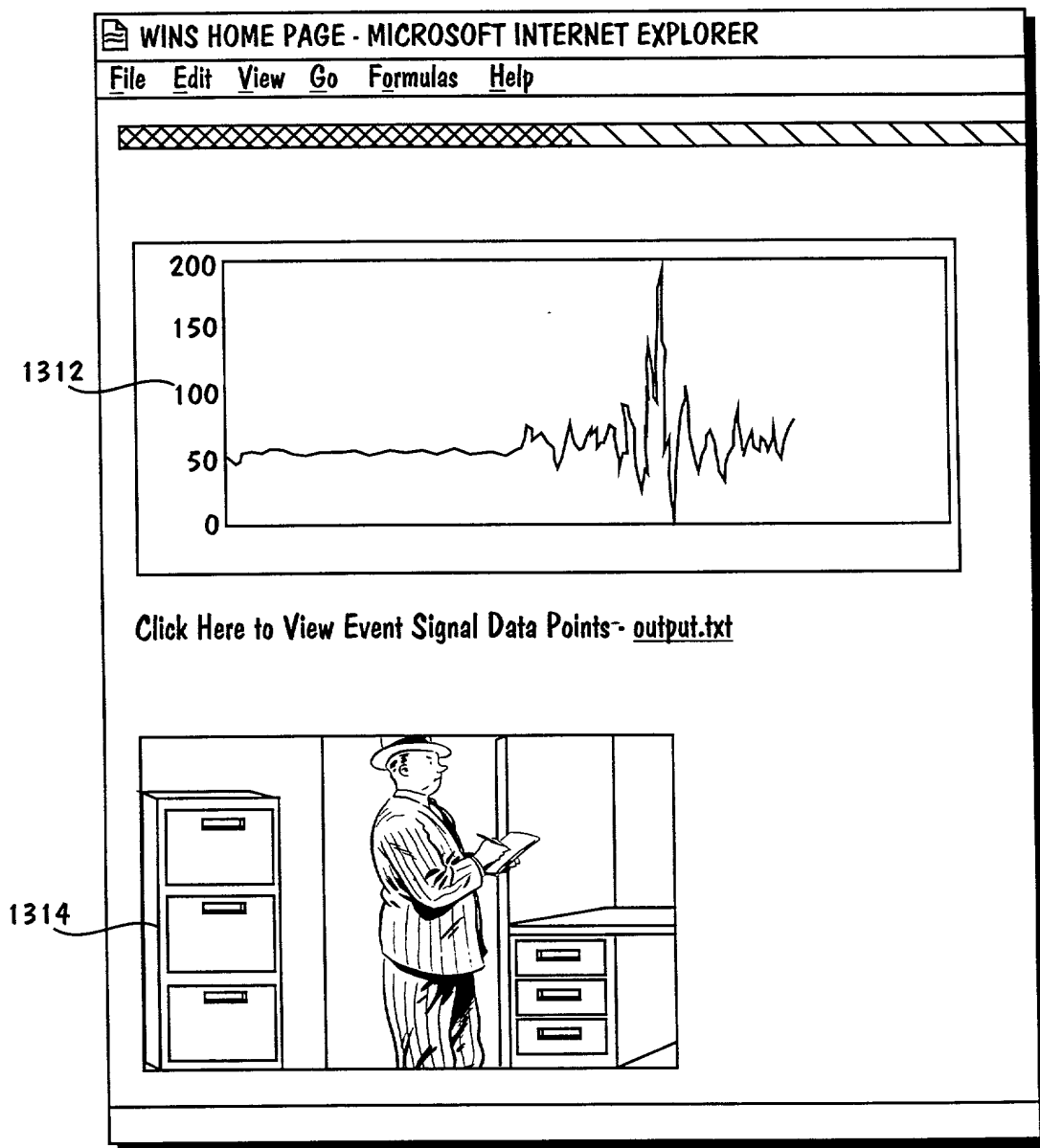


FIG. 13

1400

WINS IMAGER

Application Status
Waiting for Handshake

Message to Node
Acquire Image

Image Status

Intrusion

Fault

Active

No Sensor

Normal

1402

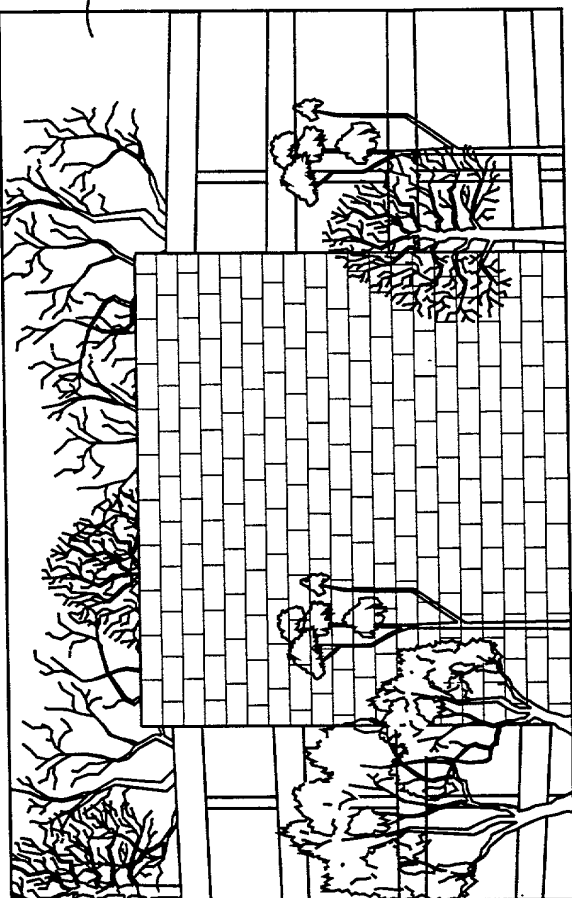


Image Control

Load Latest Picture

59211

Bytes Read

14:09:29

Time Stamp

<<

2

>>

Shutdown

EXIT

1404

FIG. 14

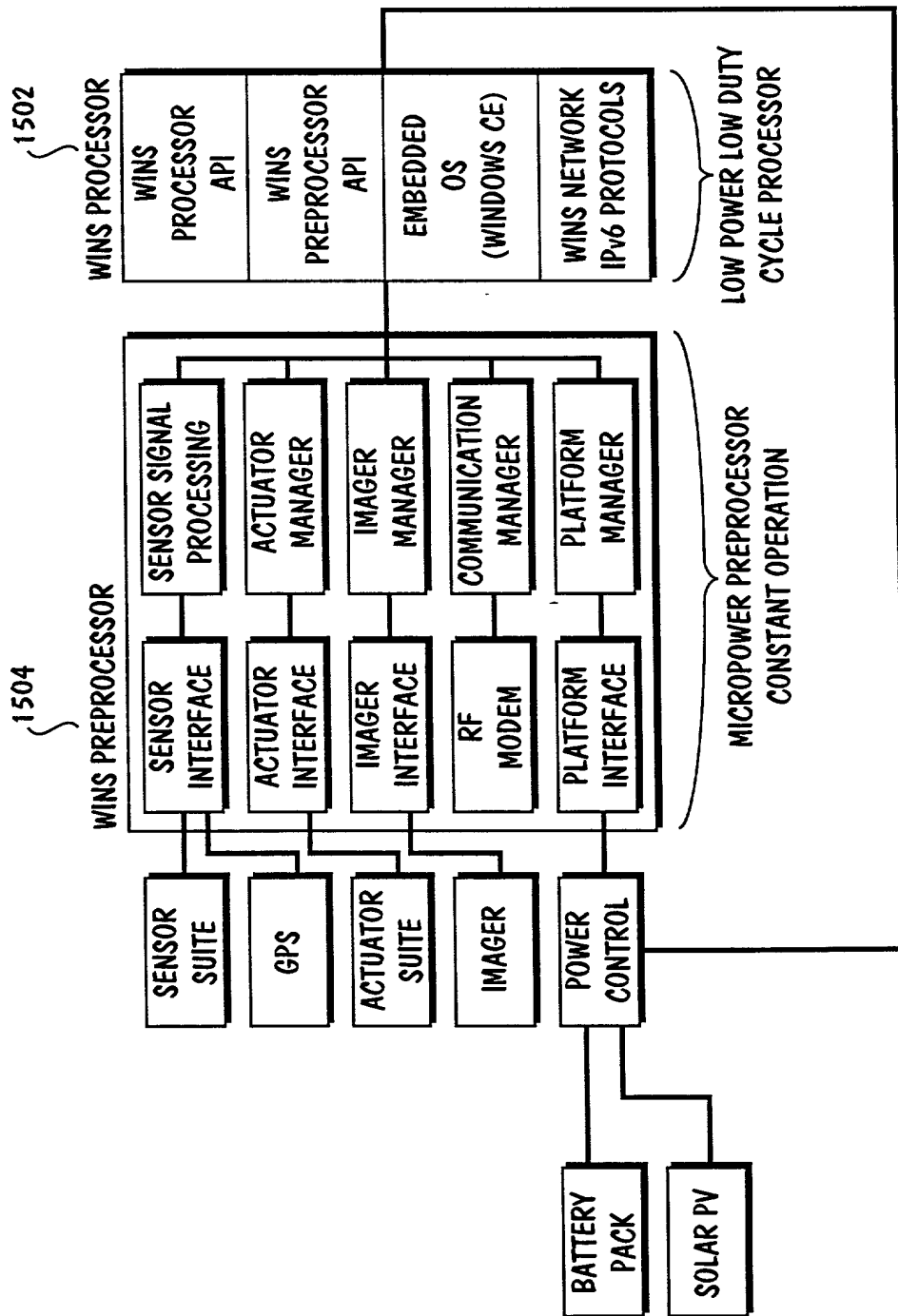


FIG. 15

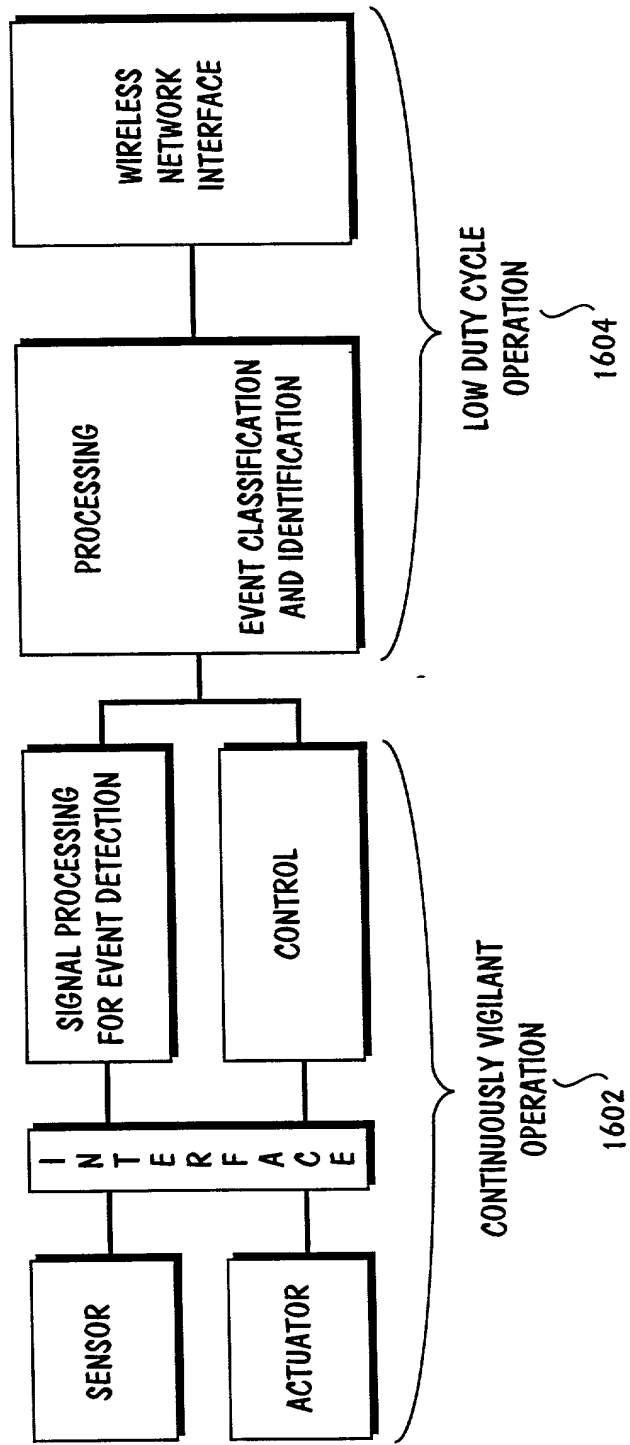


FIG. 16

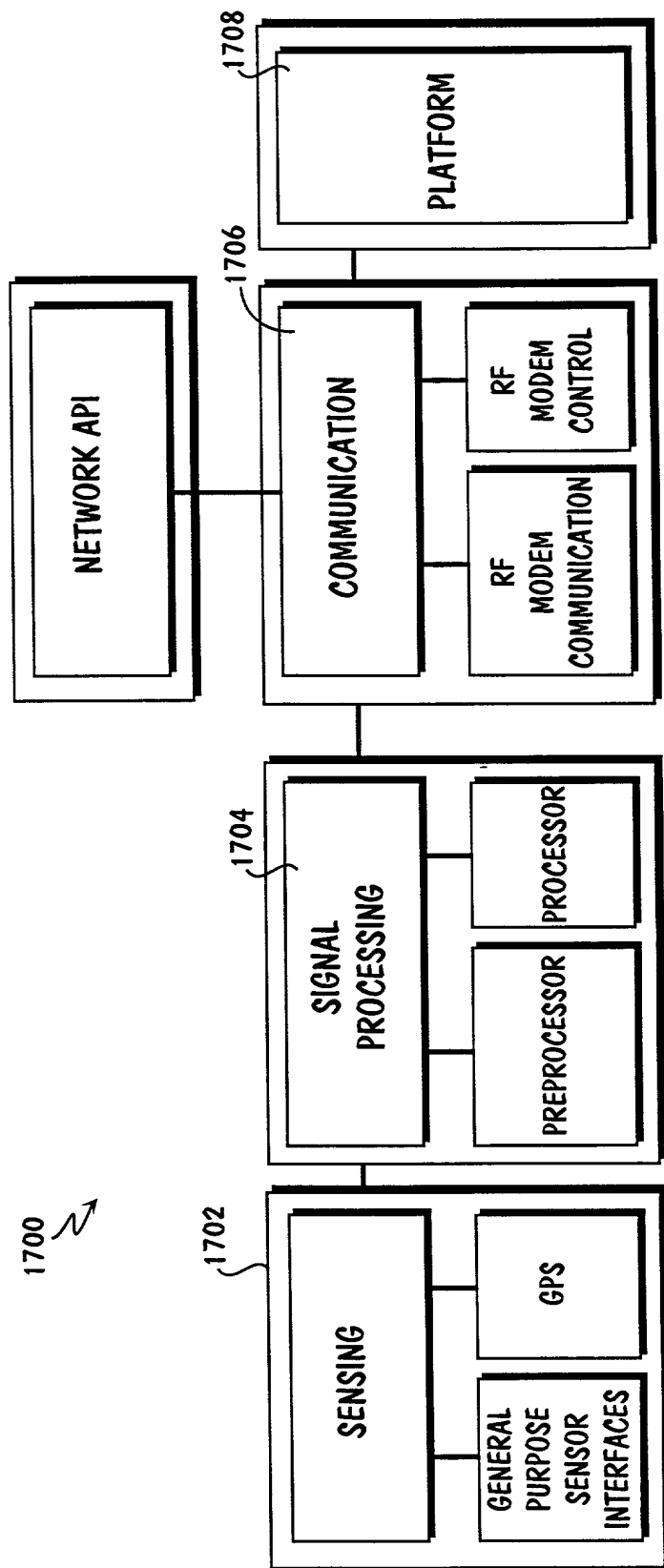


FIG. 17

1800 ↗

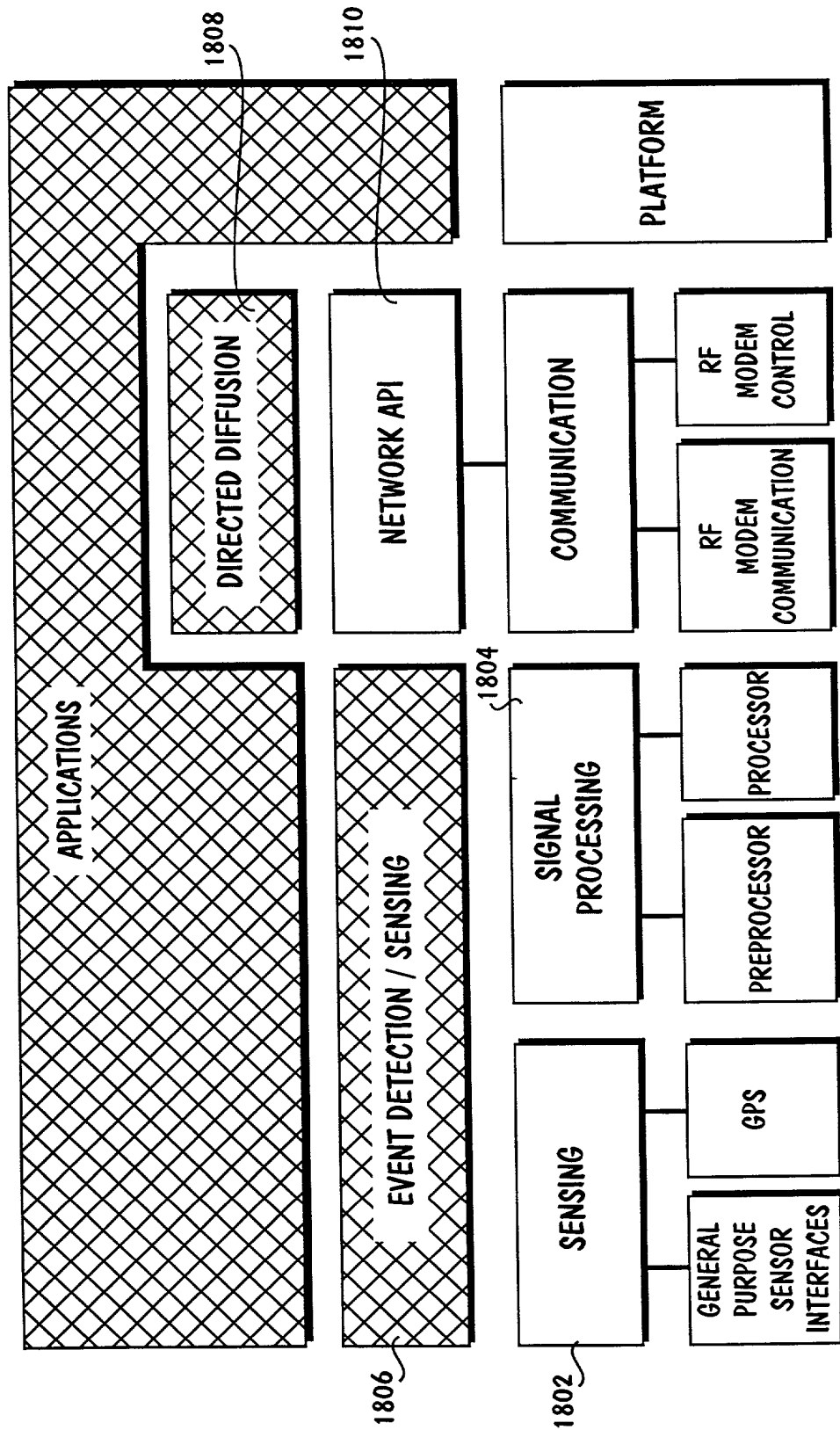


FIG. 18

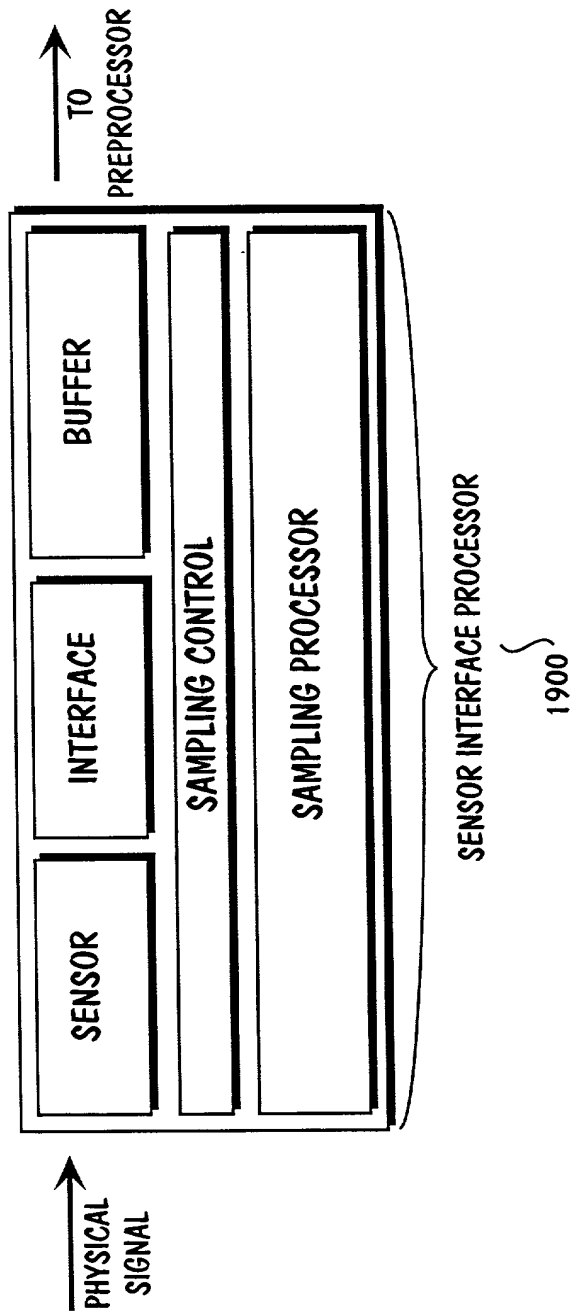


FIG. 19

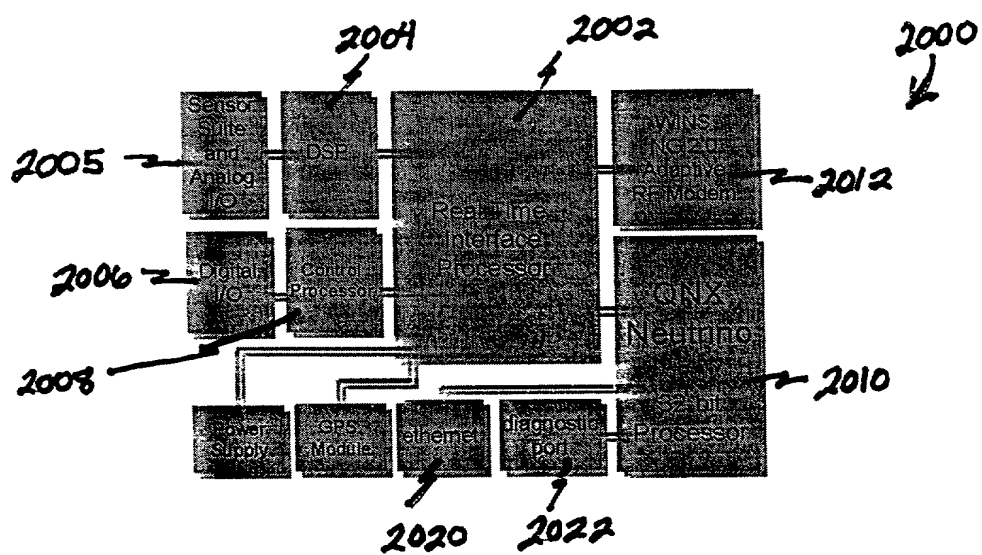
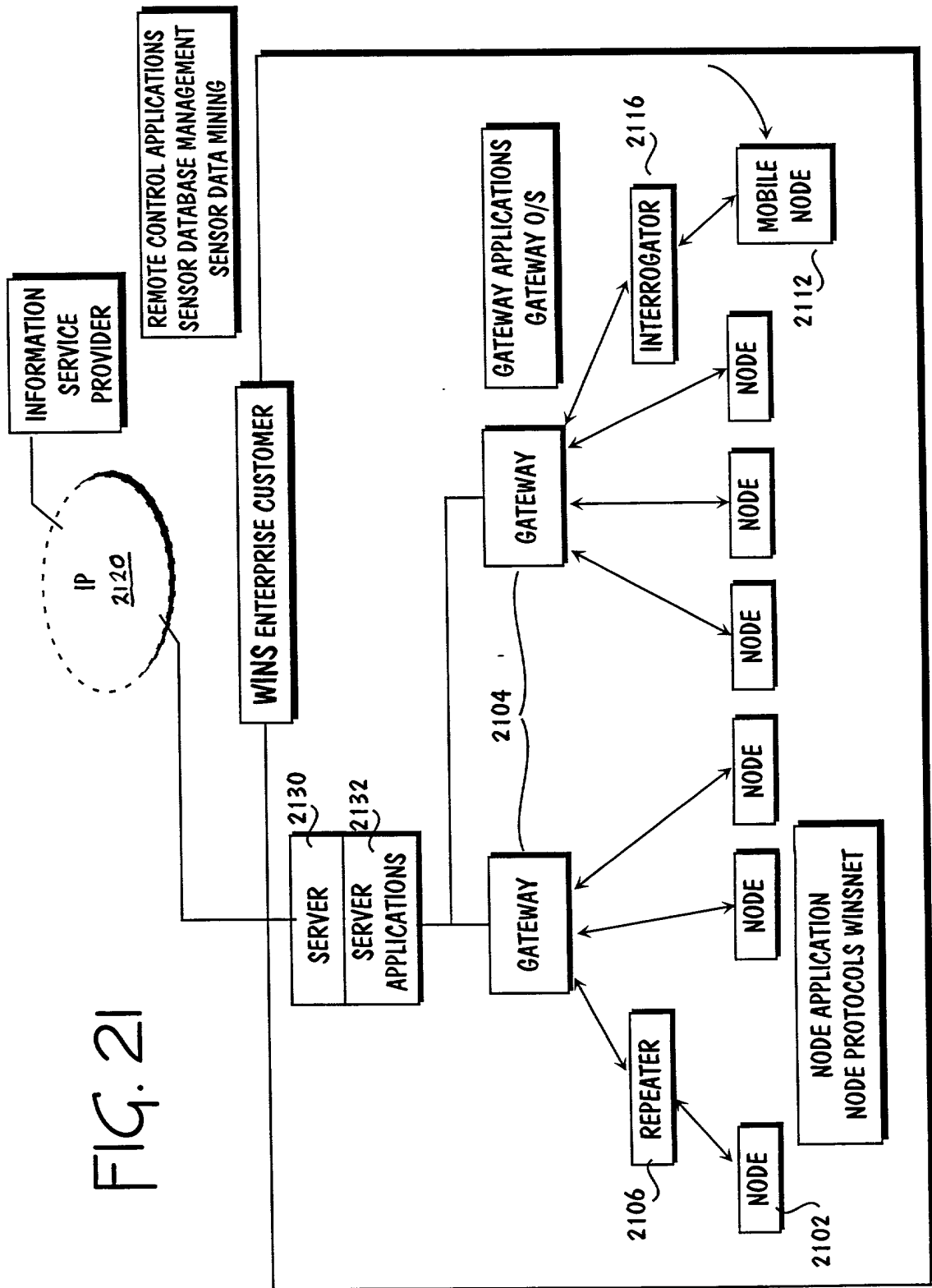


FIGURE 20

FIG. 21



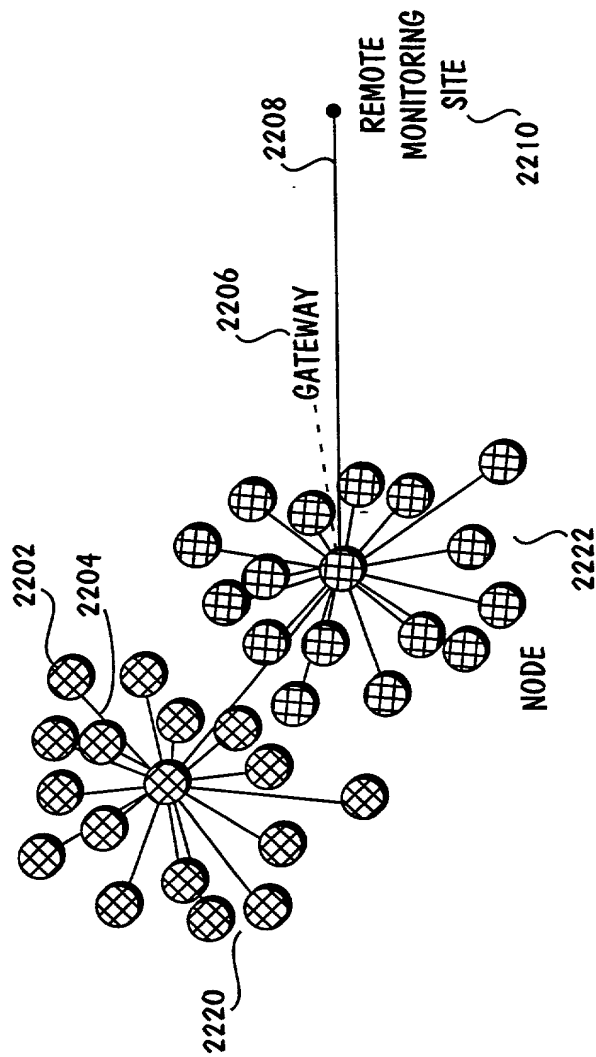


FIG. 22

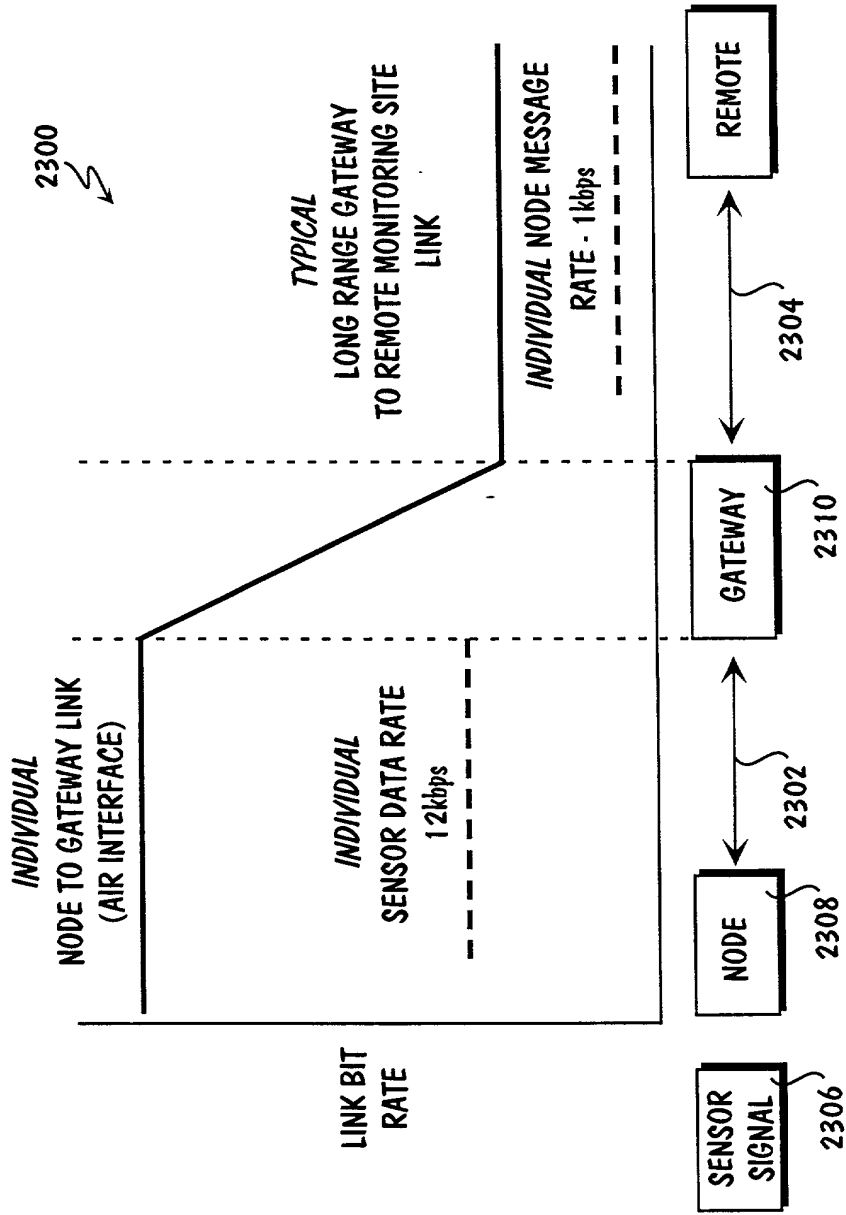


FIG. 23

004001" 90248950

2400
↘

LENGTH (LOW ORDER BYTE)	LENGTH (HIGH ORDER BYTE)	DESTINATION ADDRESS	SOURCE ADDRESS	DATA (UP TO 2048 BYTES)	CHECKSUM
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FIG. 24

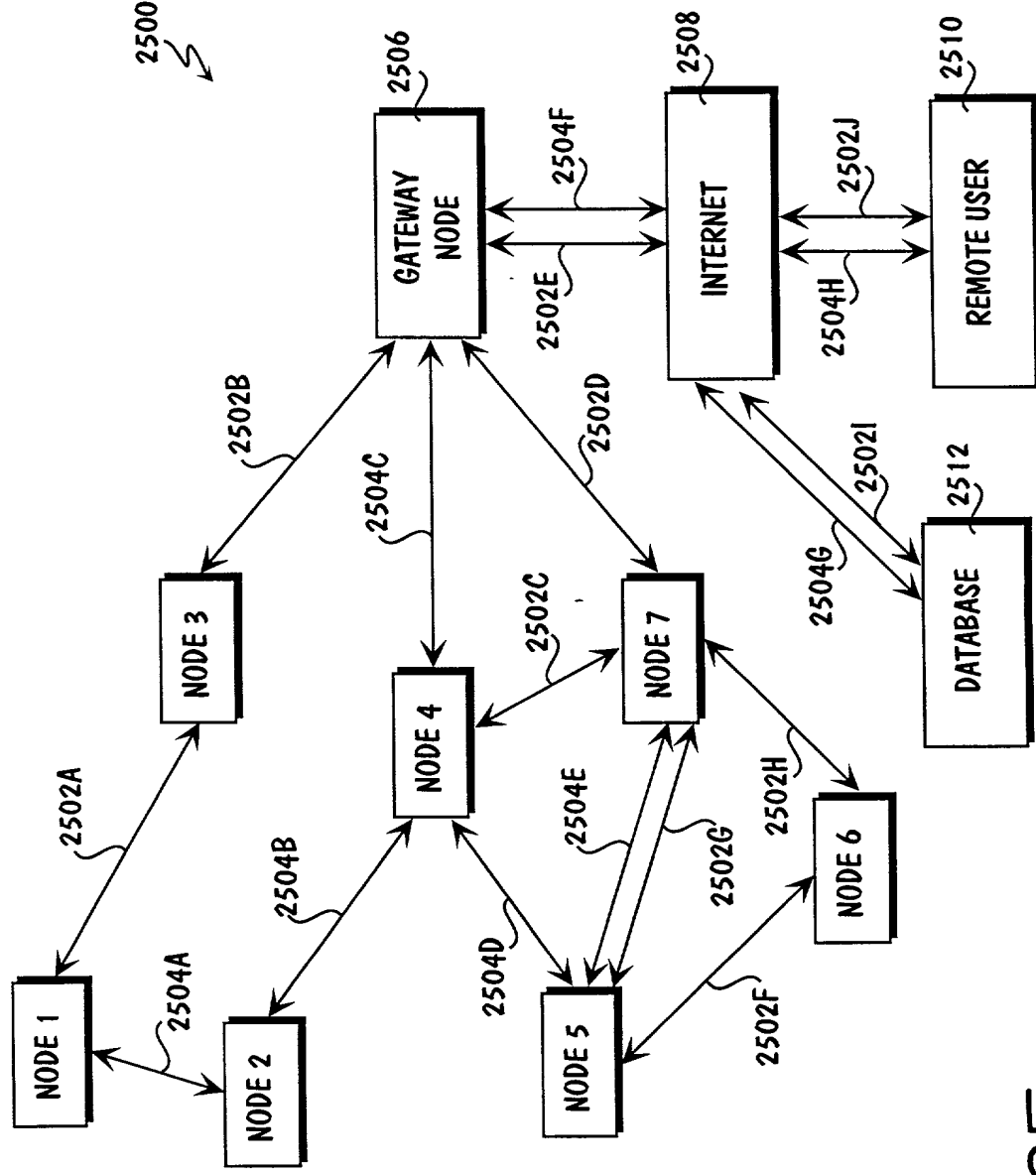


FIG. 25

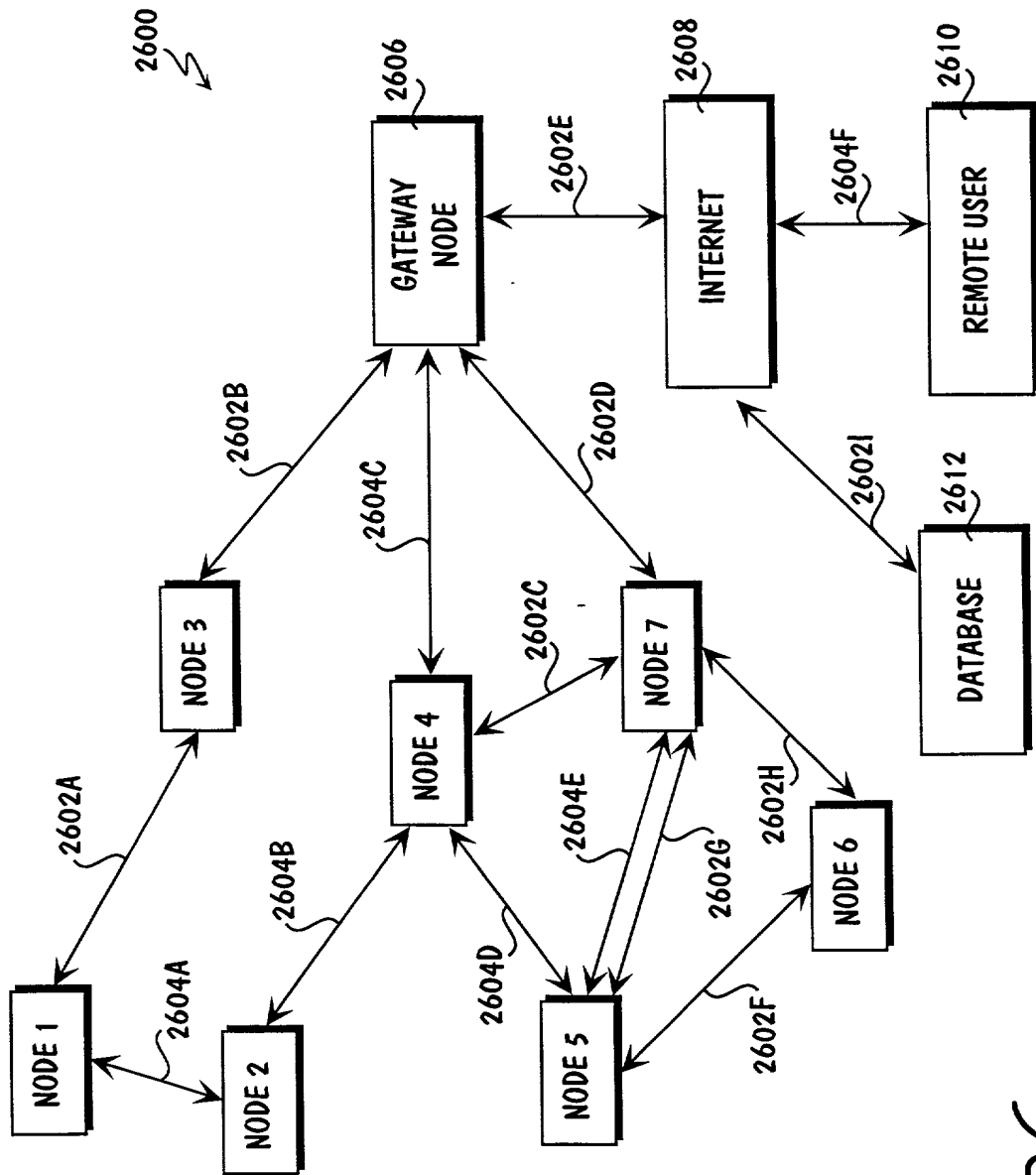


FIG. 26

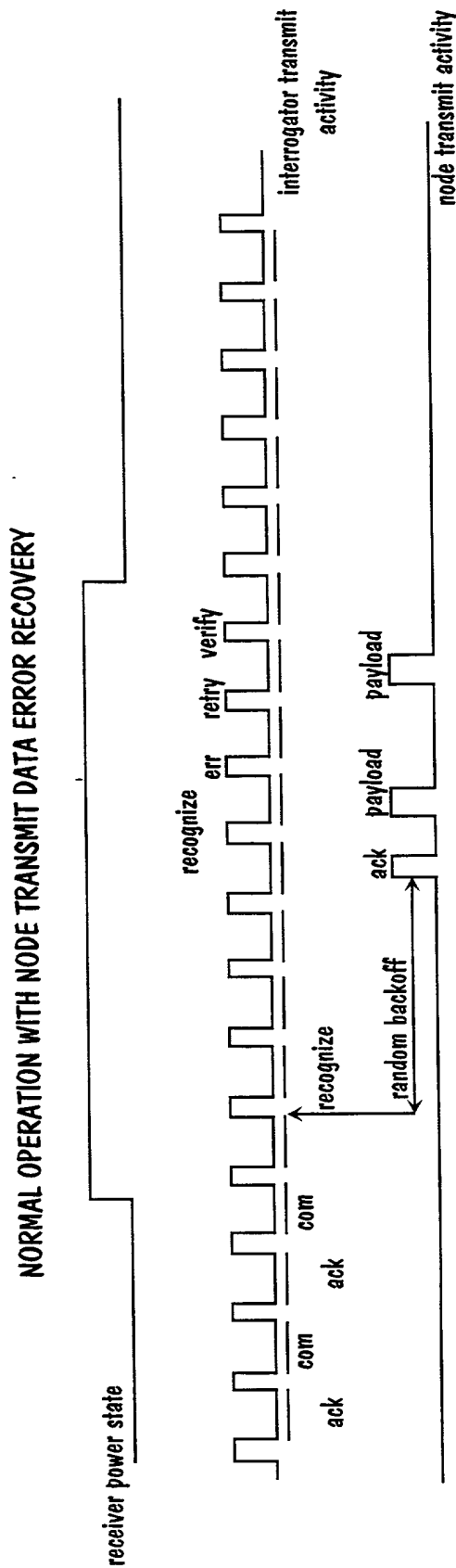
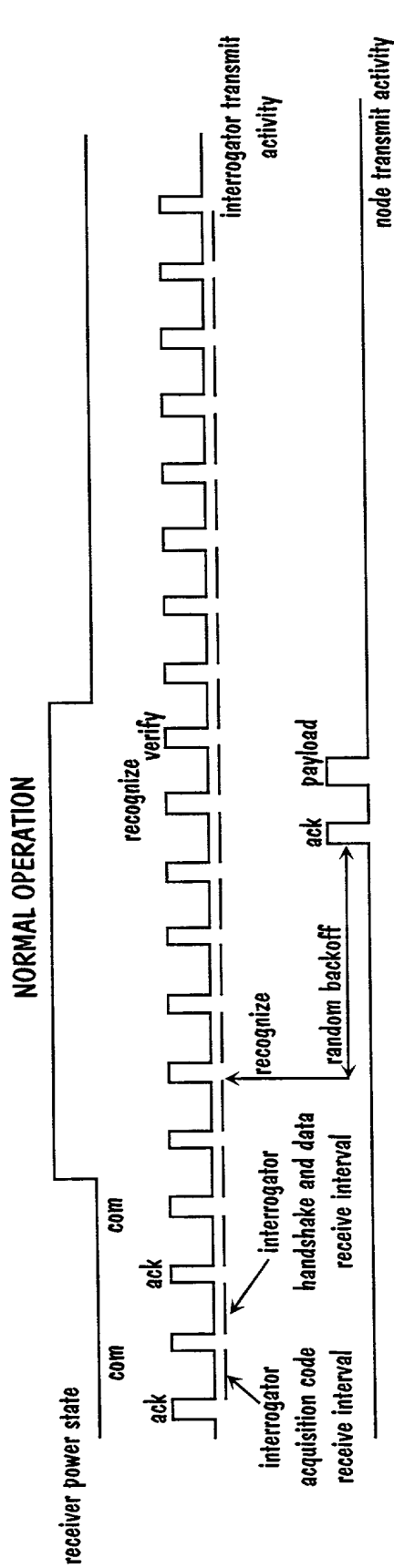
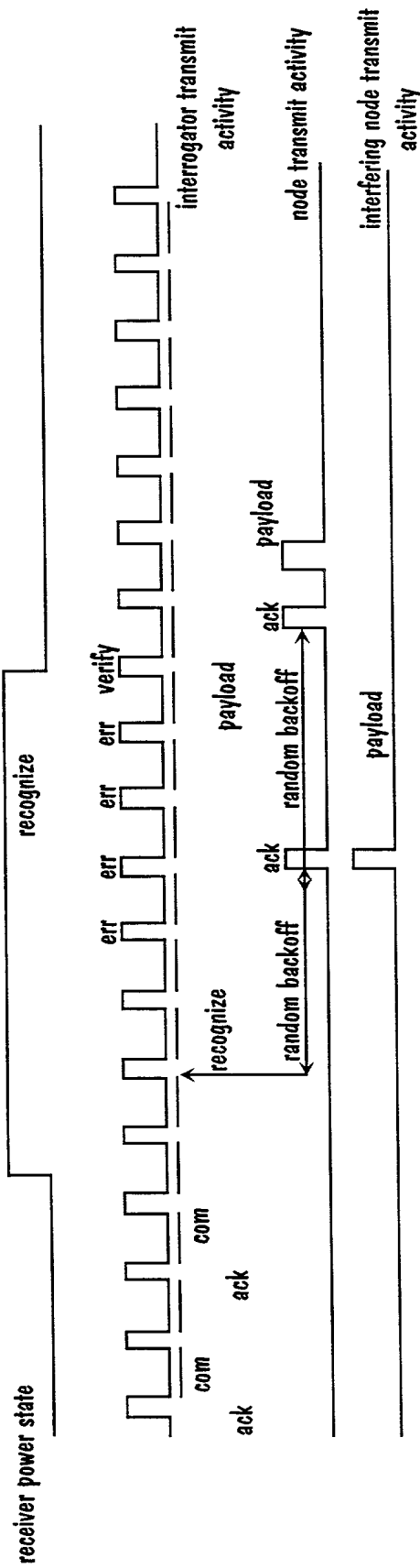


FIG. 27

NORMAL OPERATION WITH ACQ COLLISION ERROR RECOVERY



NORMAL OPERATION WITH ACQ CONFLICT RECOVERY

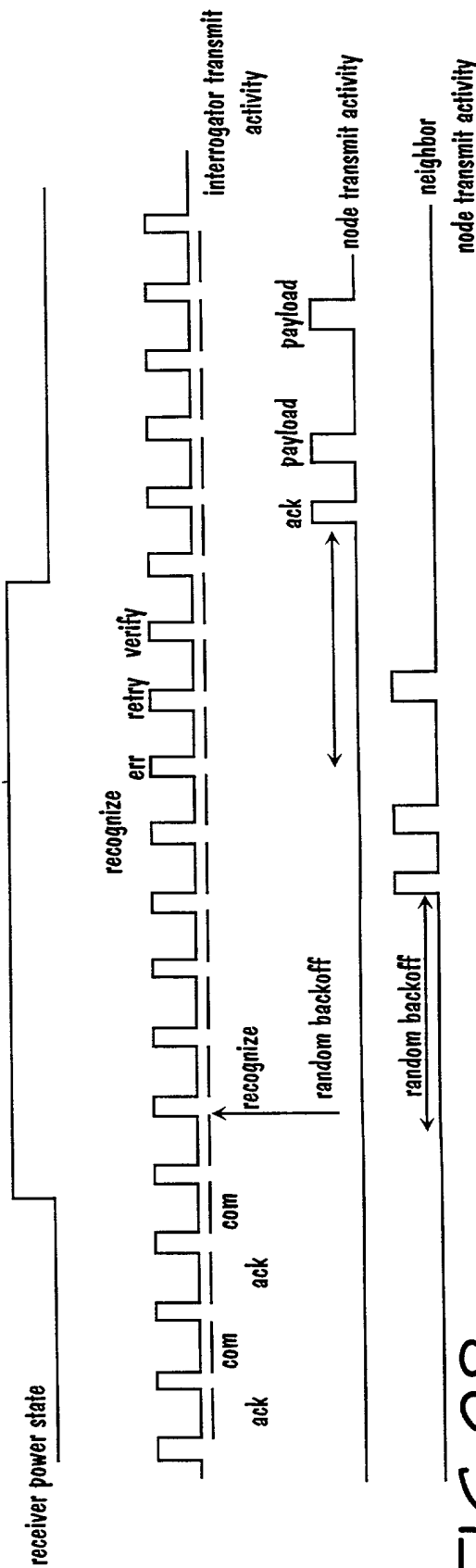


FIG. 28

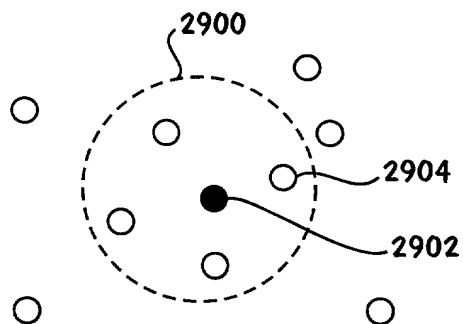


FIG. 29

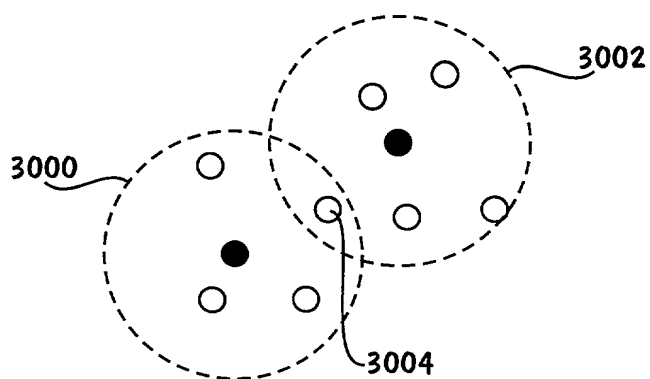


FIG. 30

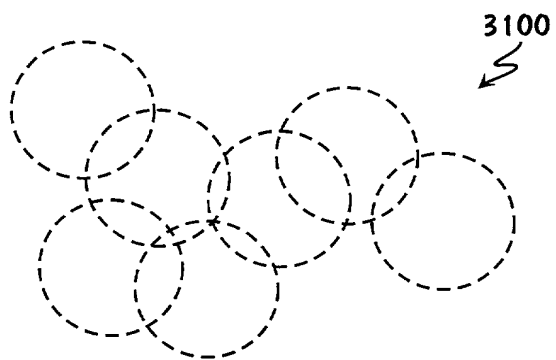


FIG. 31

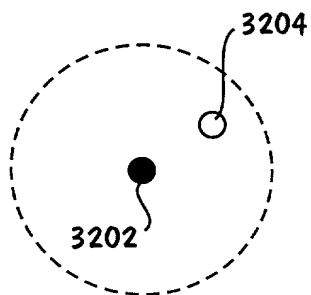


FIG. 32

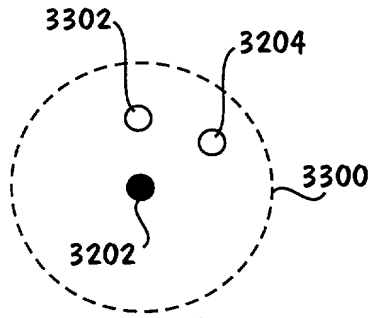


FIG. 33

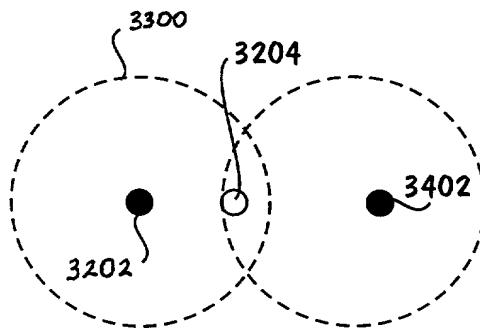


FIG. 34

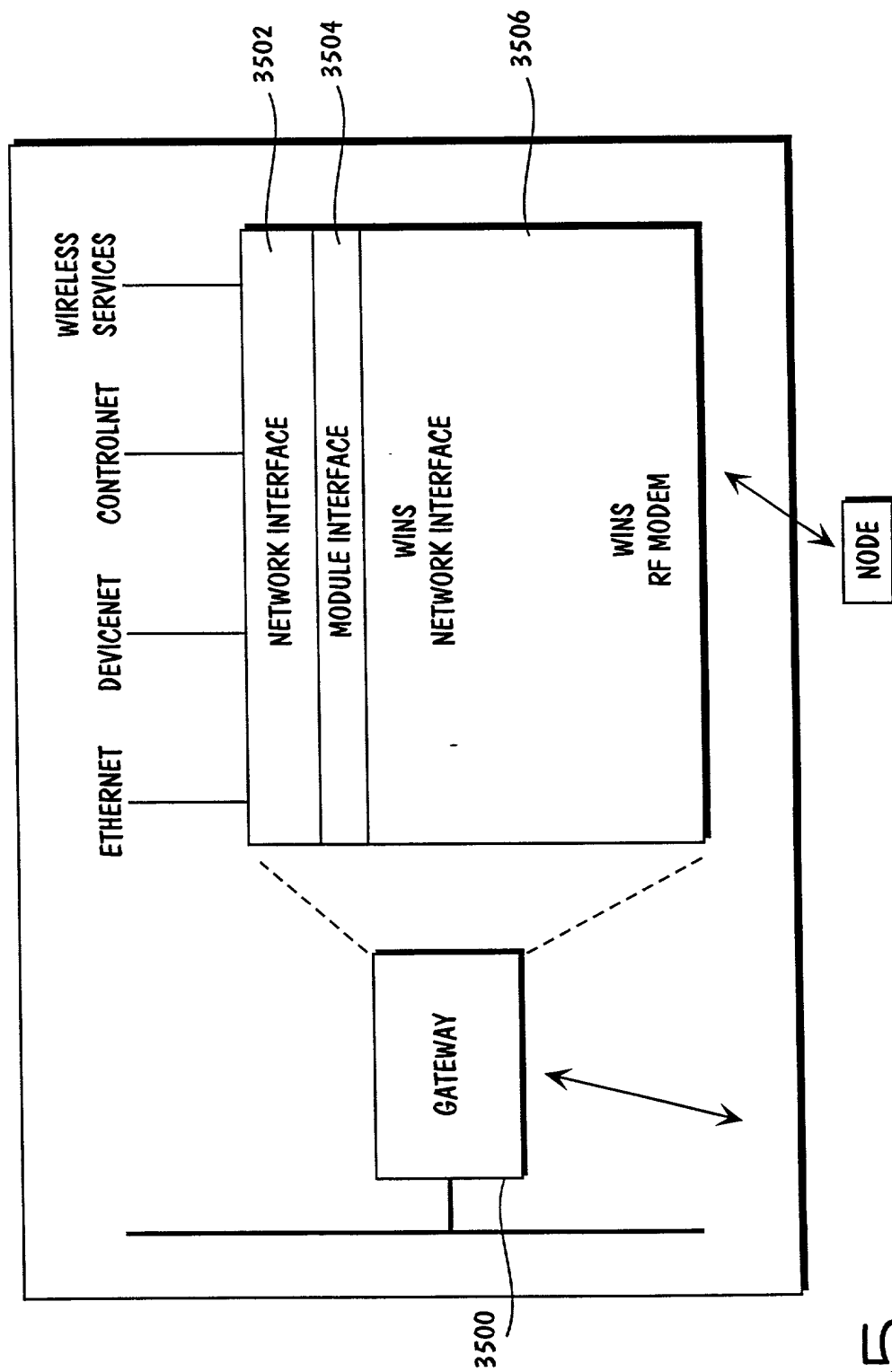


FIG. 35

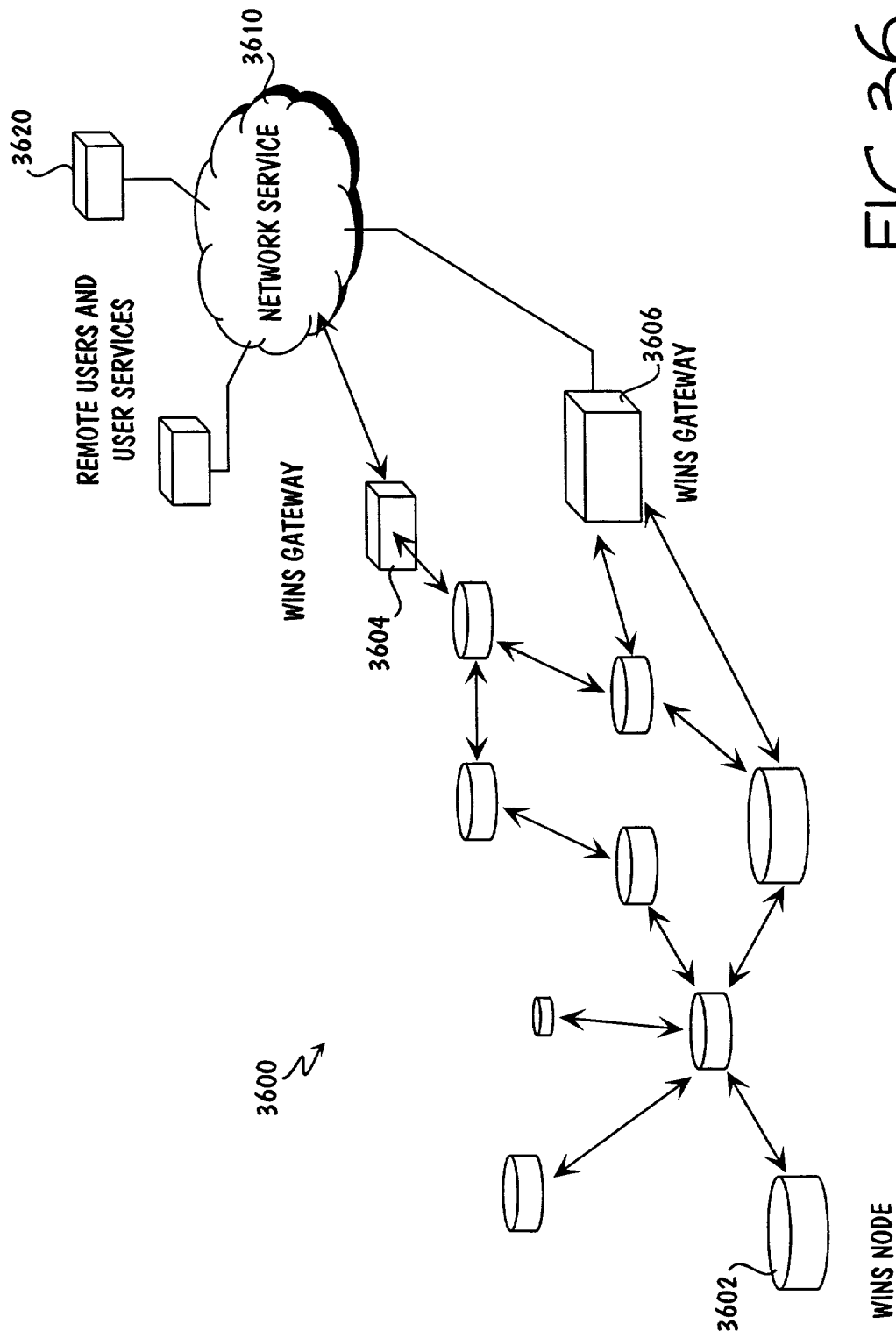


FIG. 36

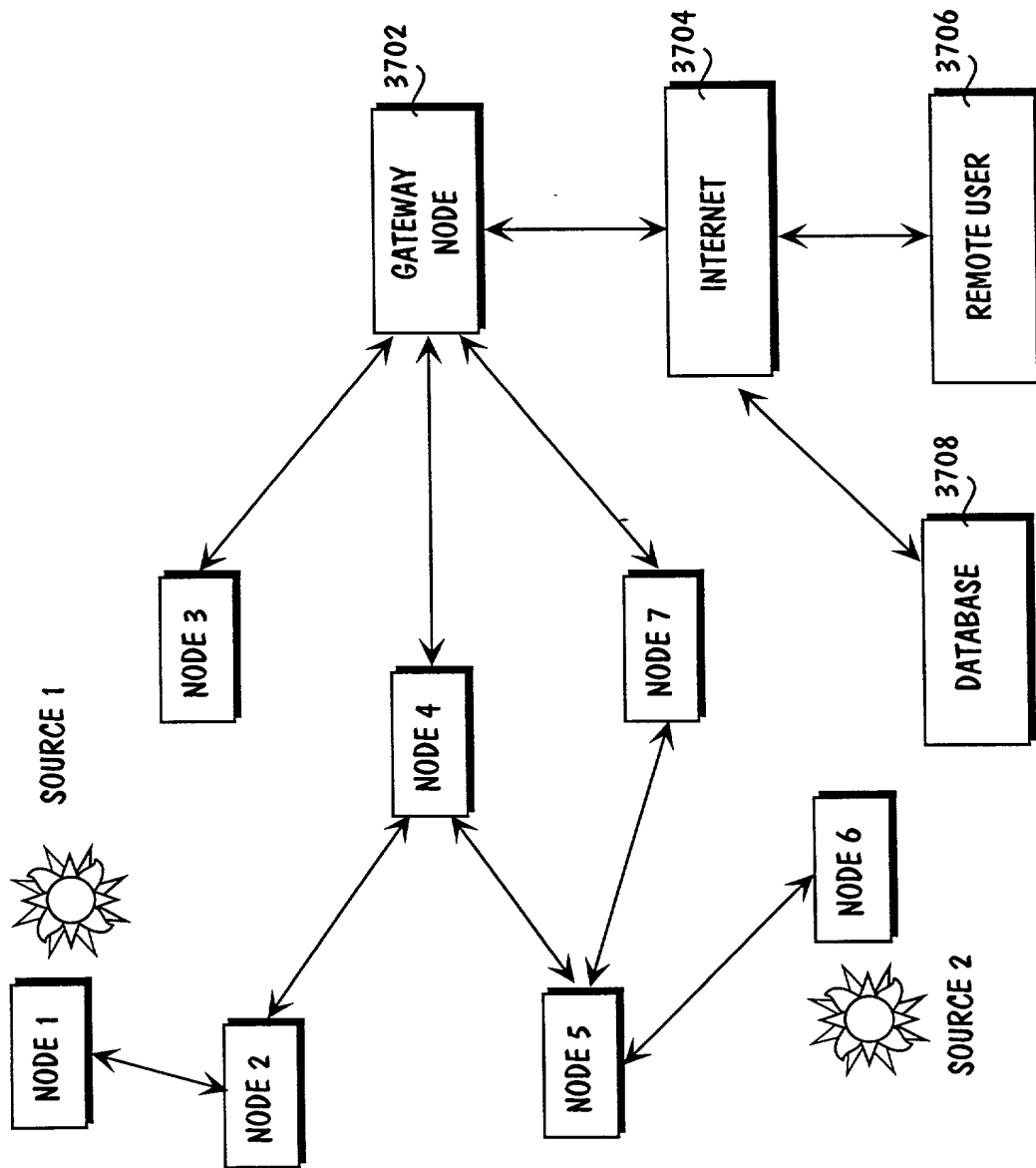


FIG. 37

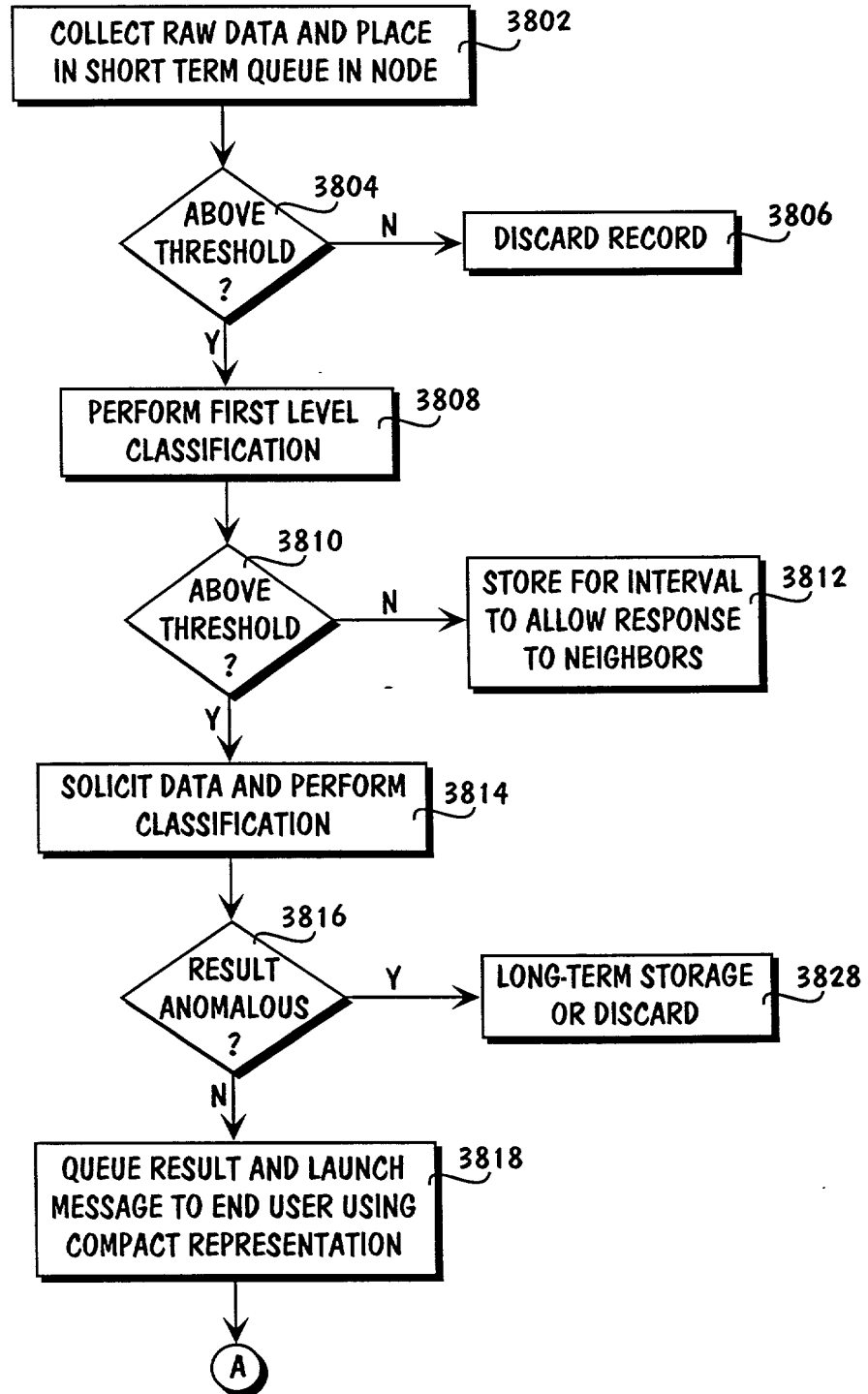


FIG. 38A

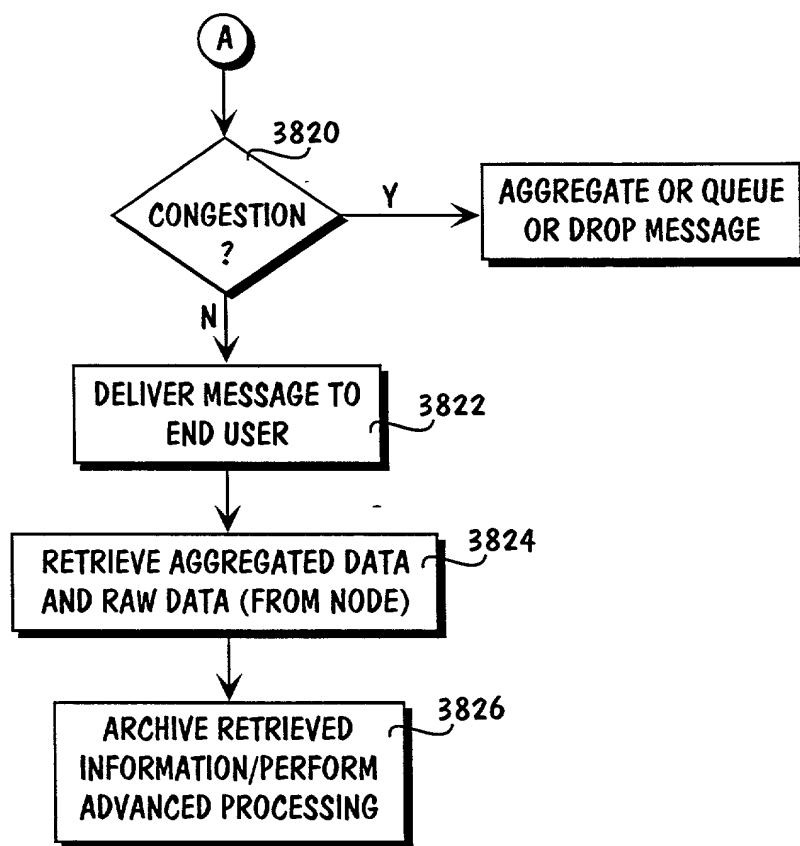


FIG. 38B

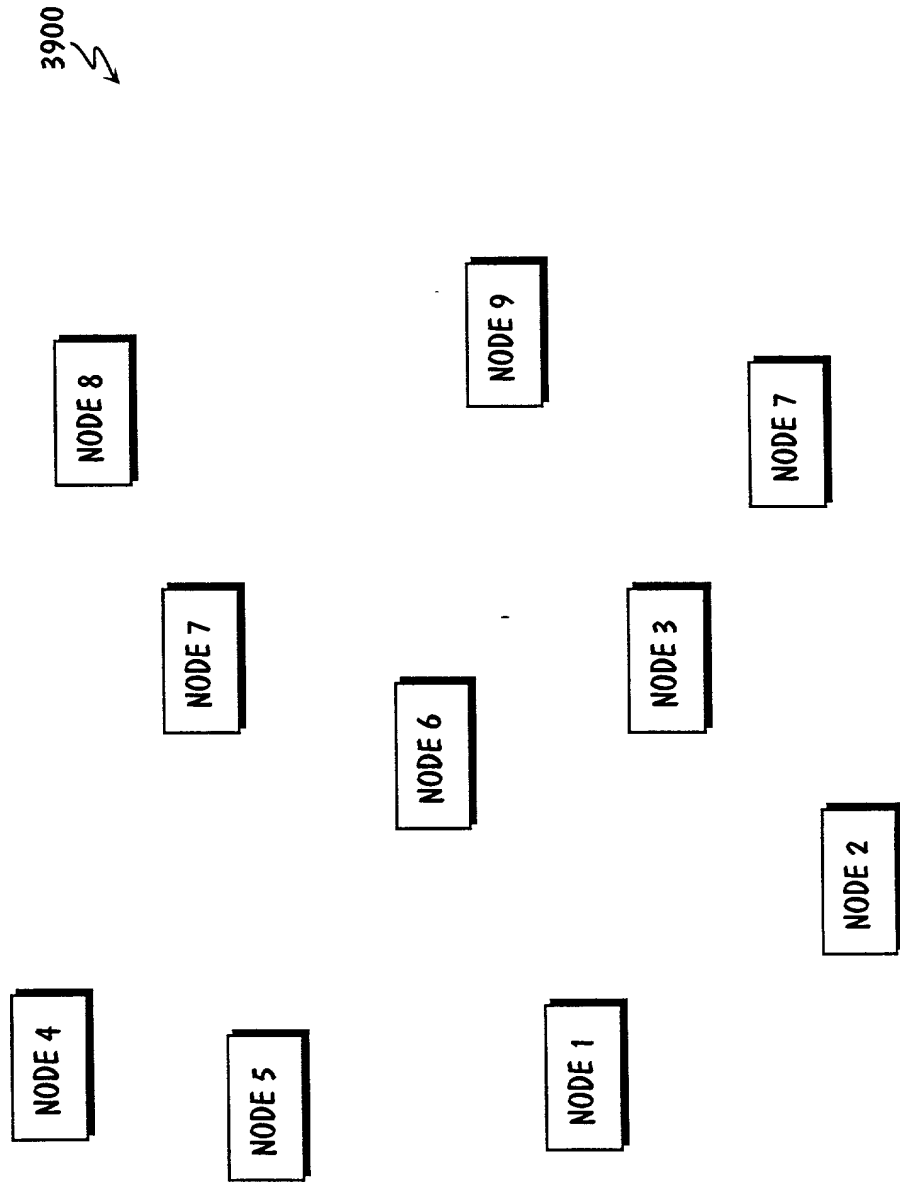


FIG. 39

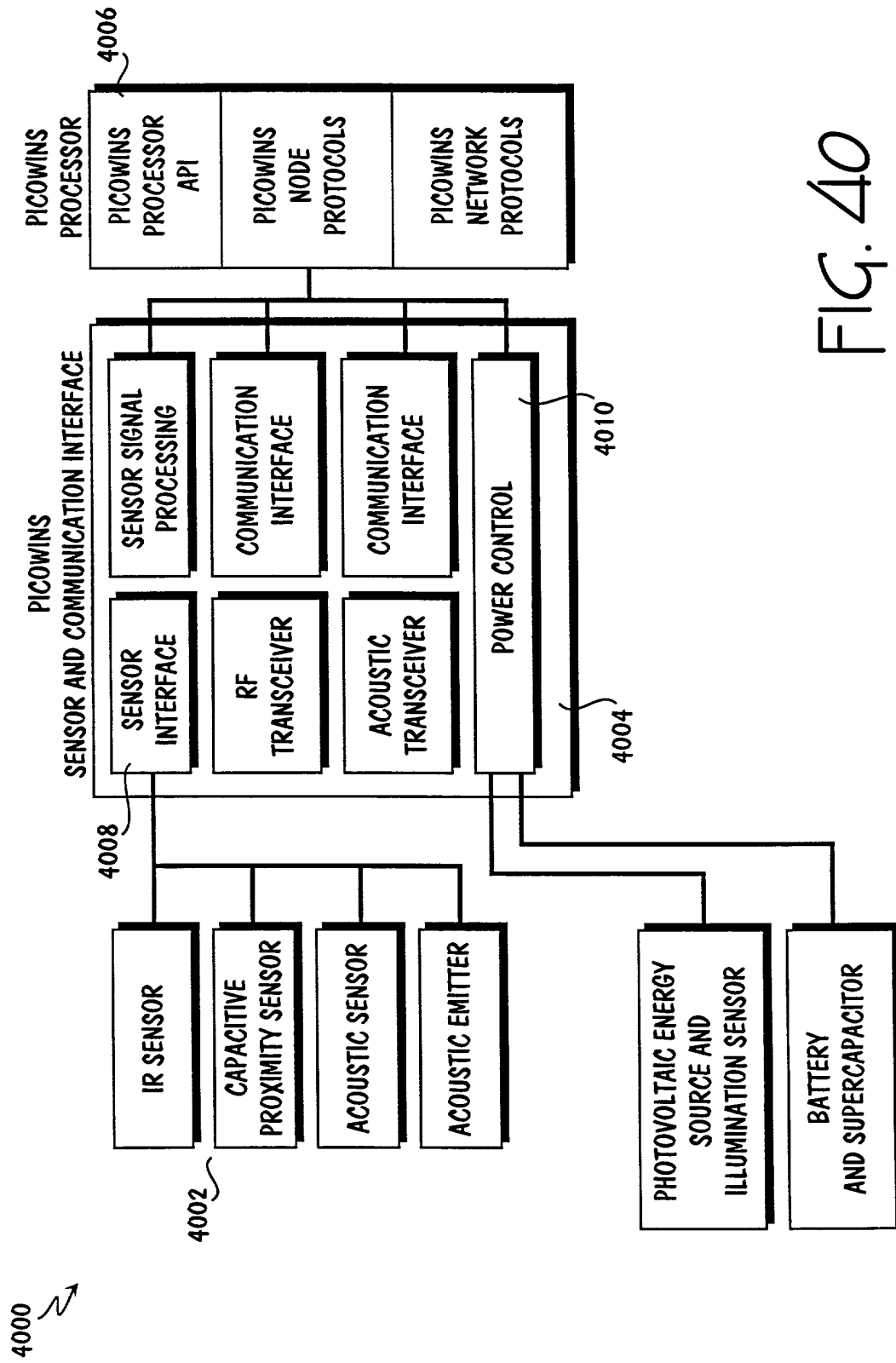
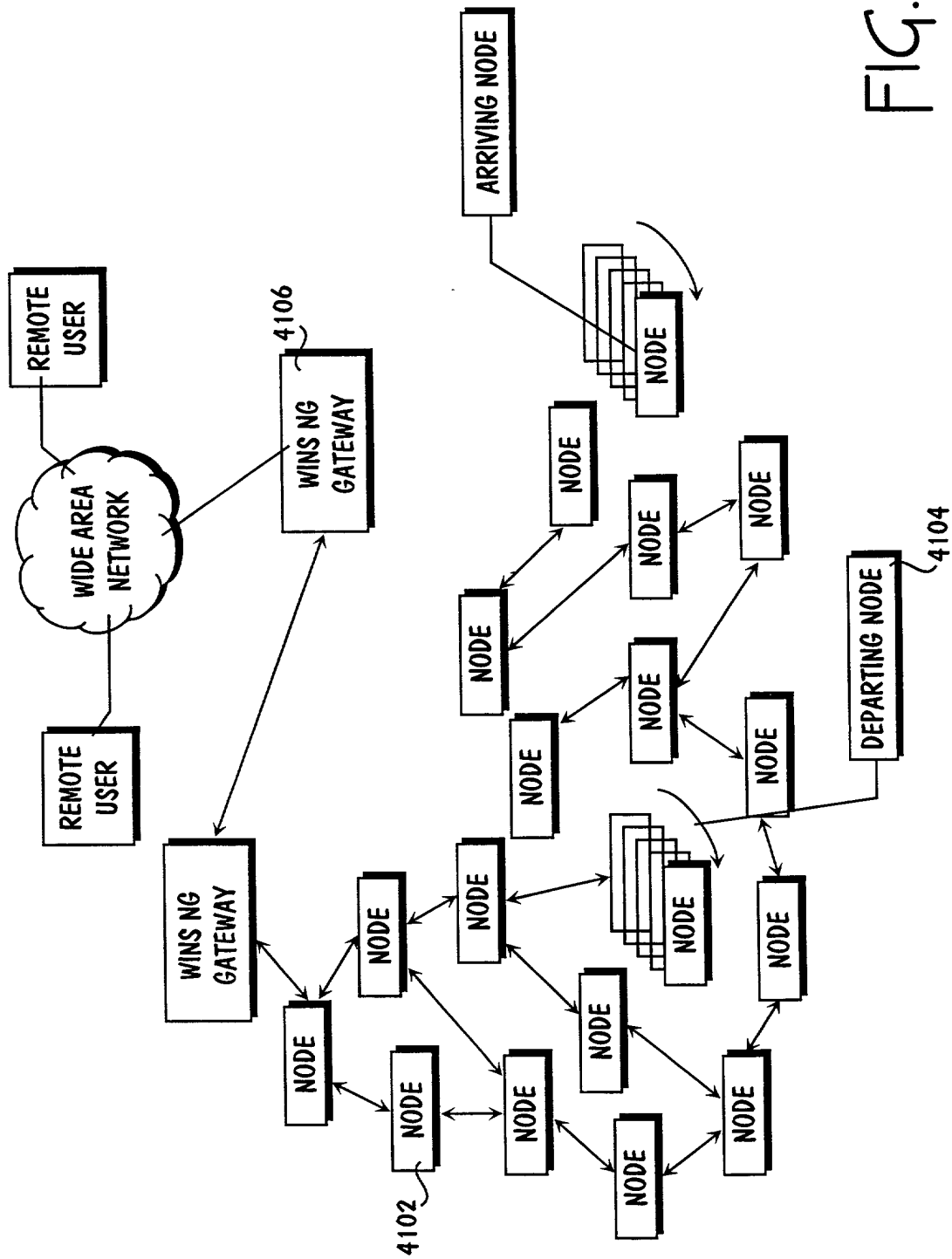


FIG. 40



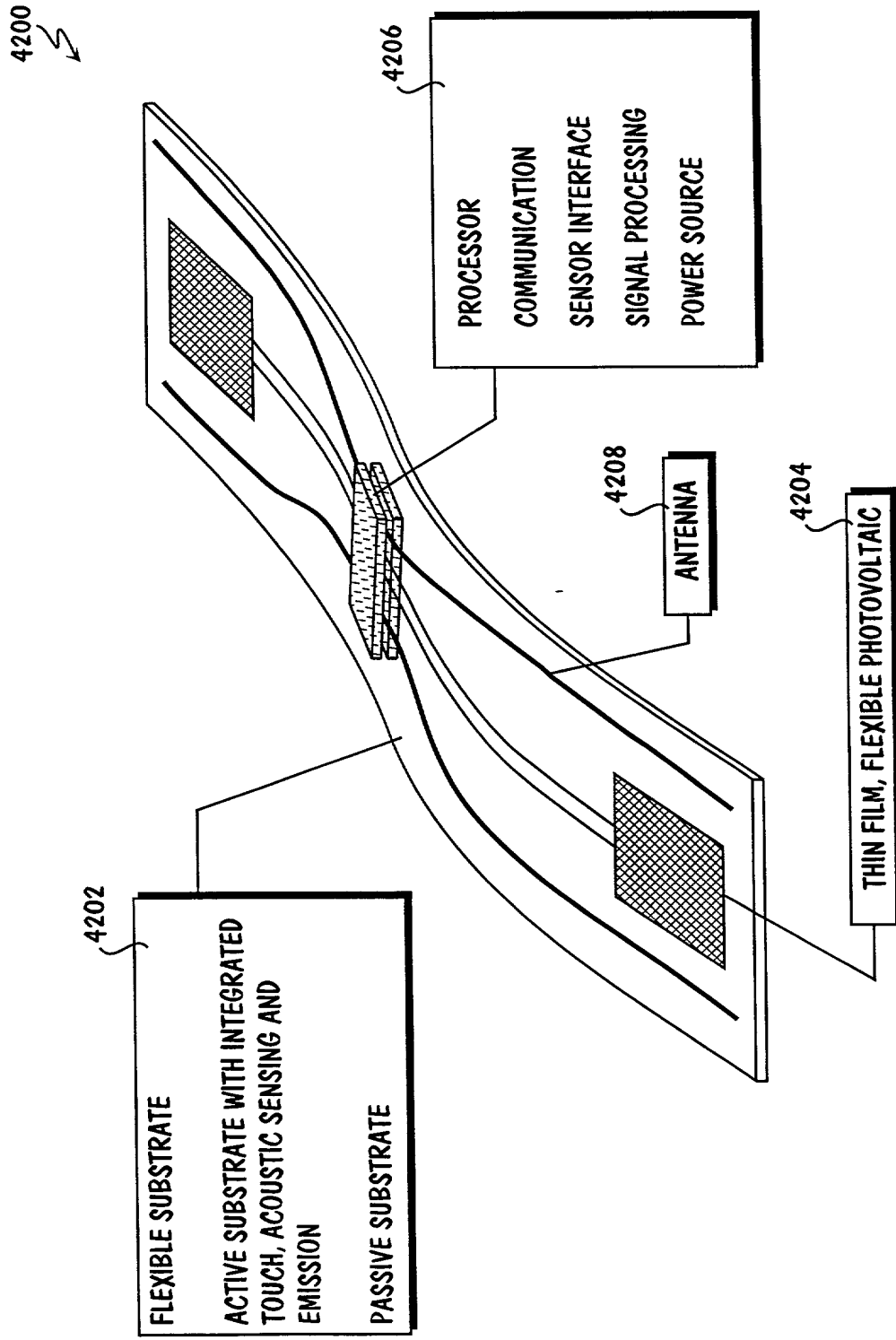


FIG. 42

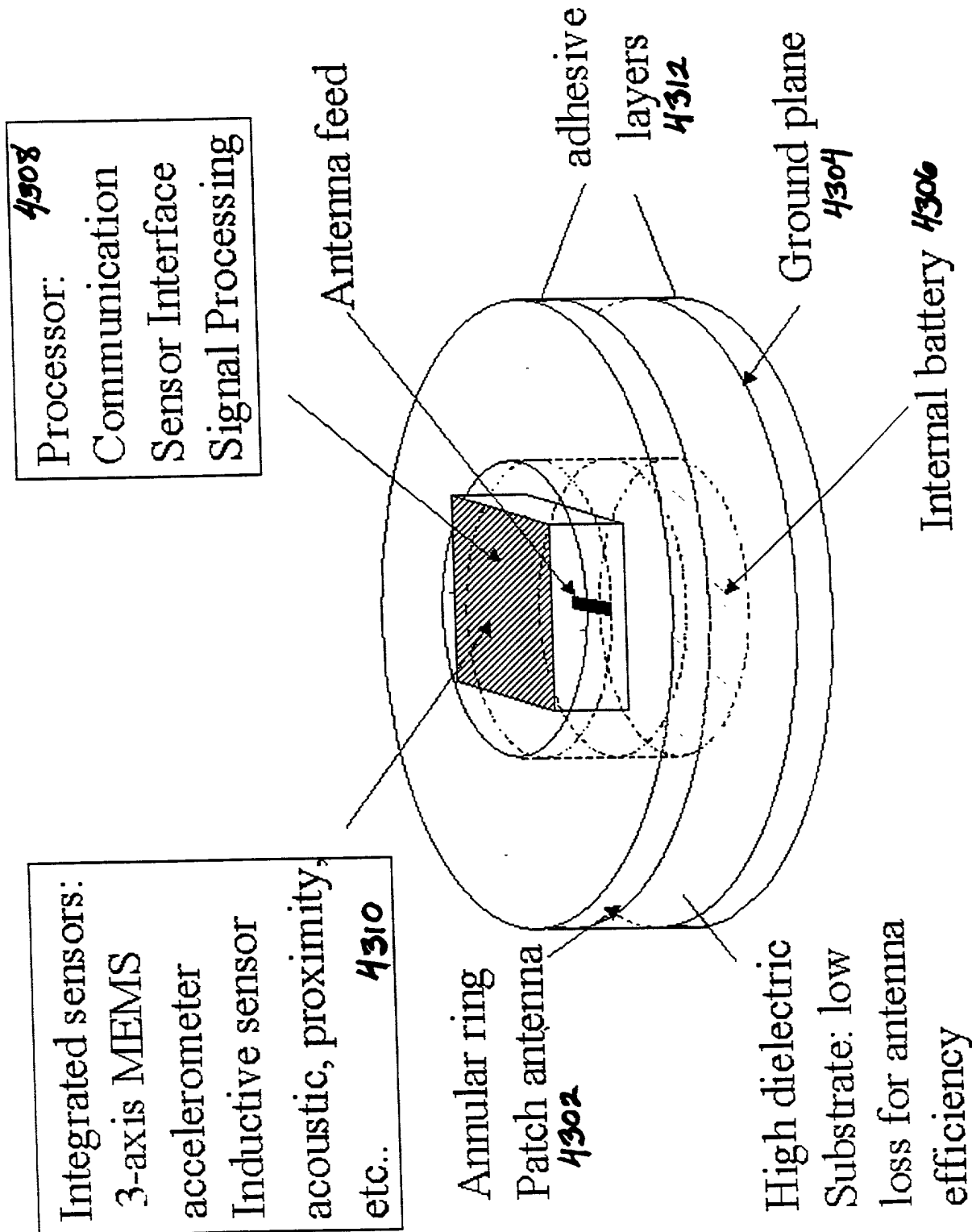


FIGURE 43

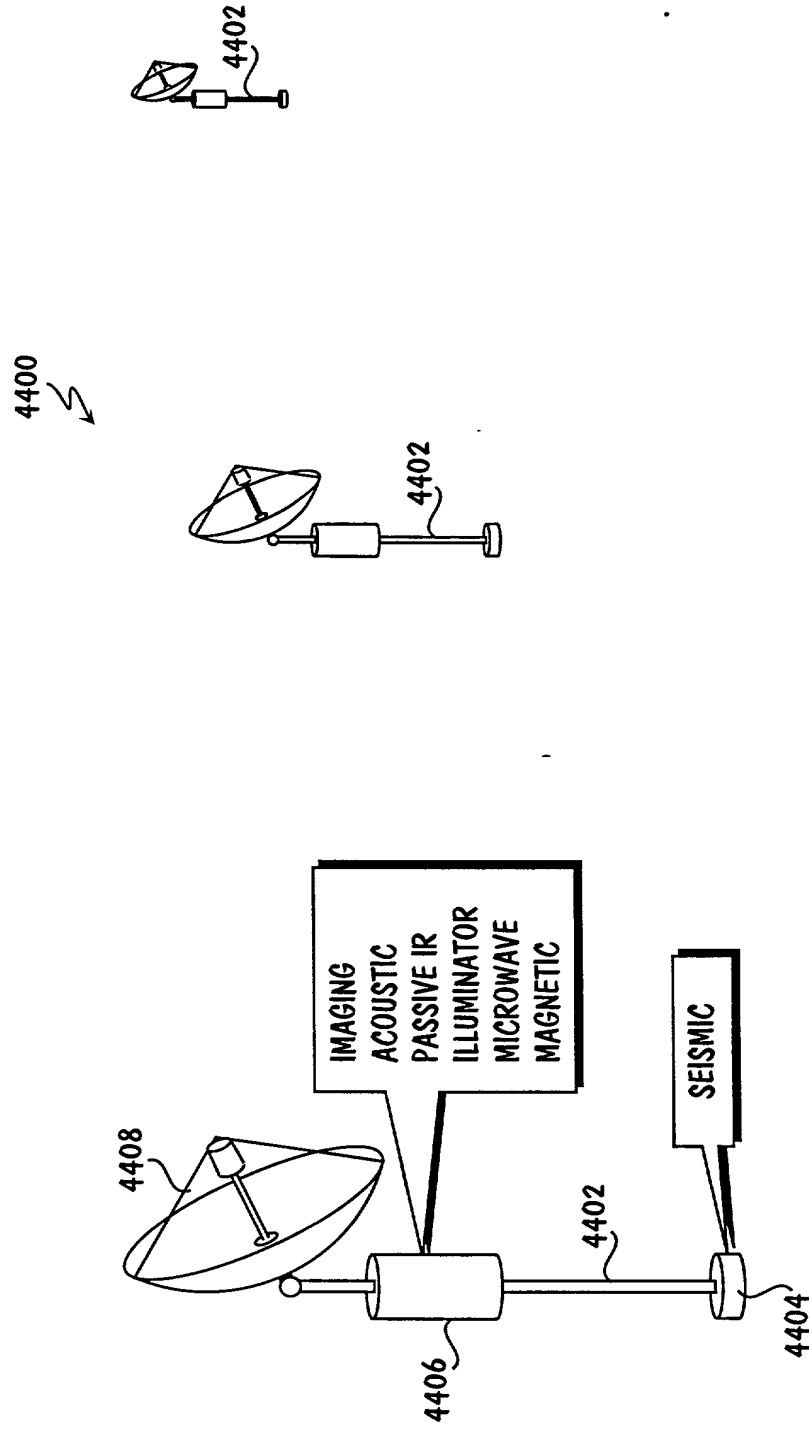


FIG. 44

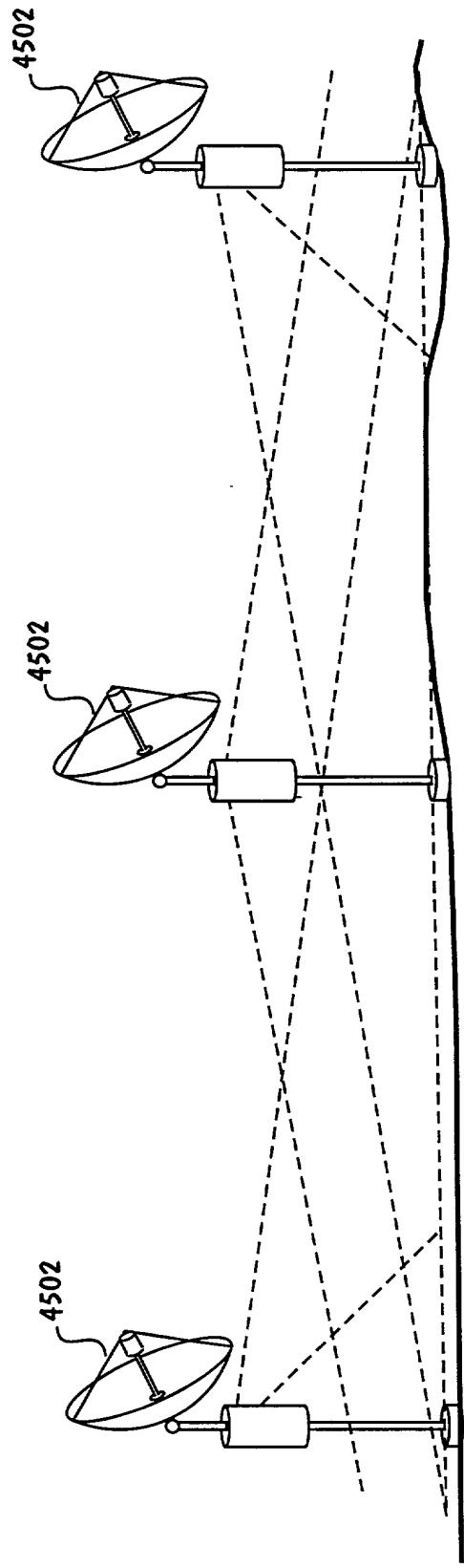


FIG. 45

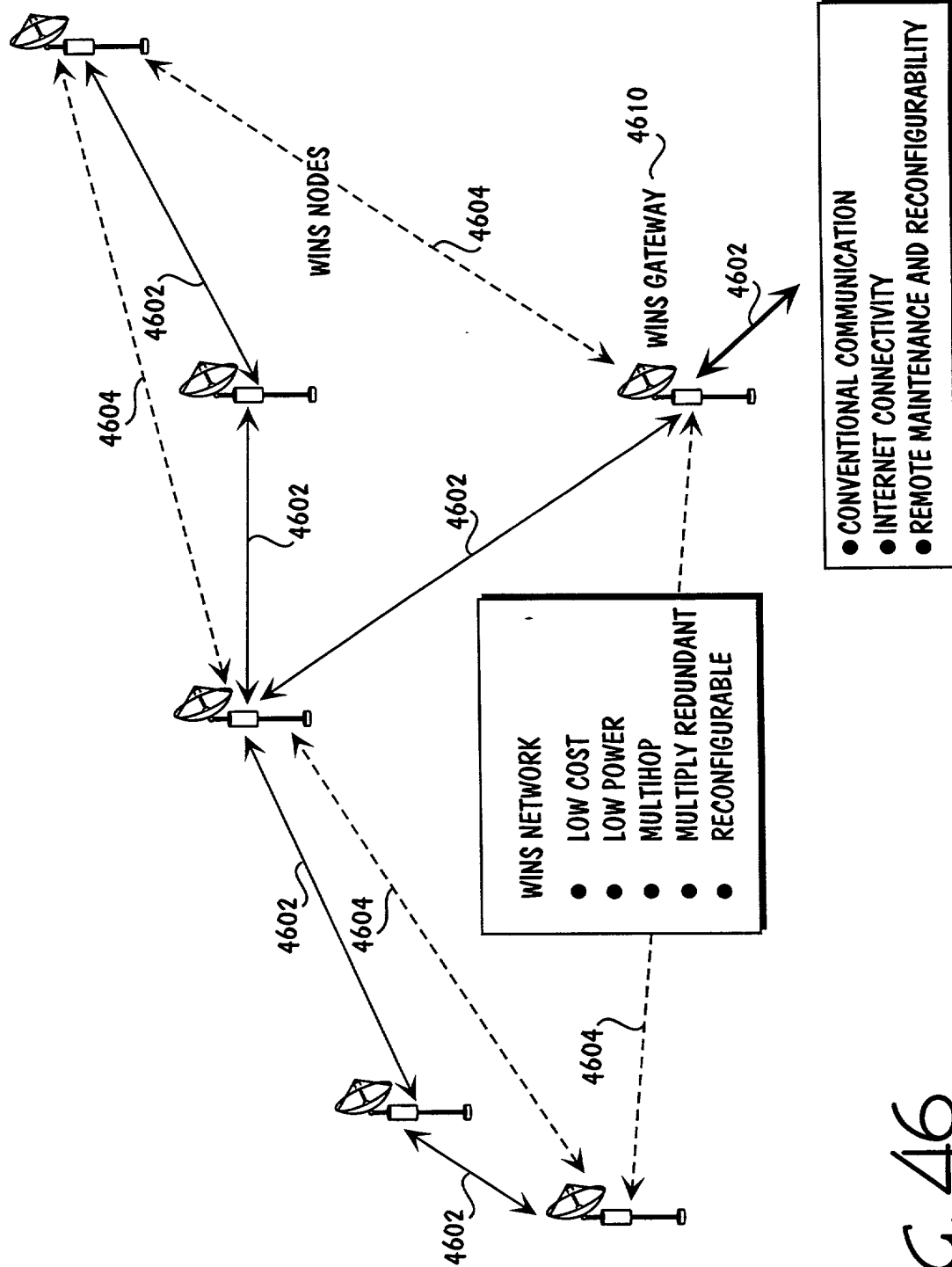
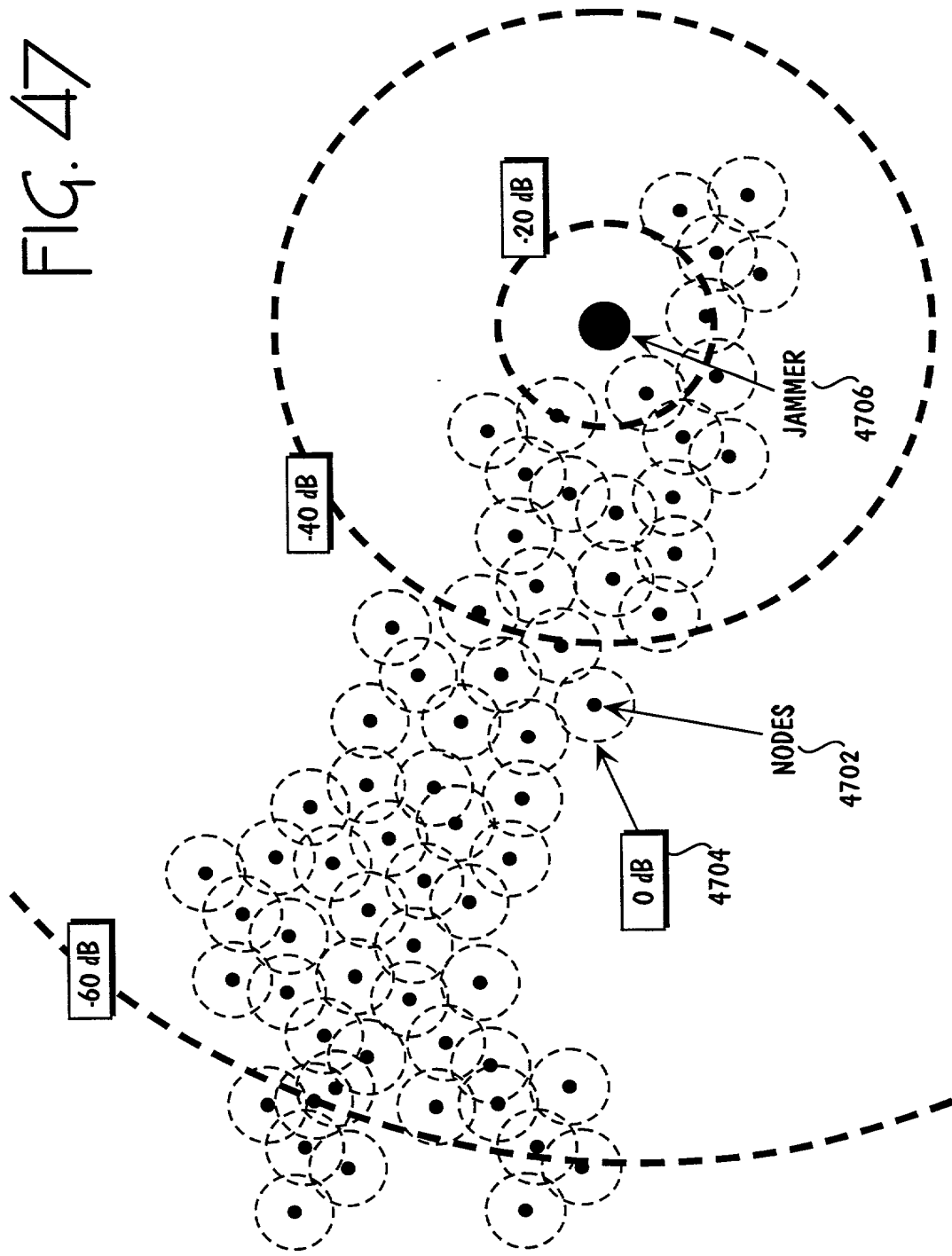


FIG. 46



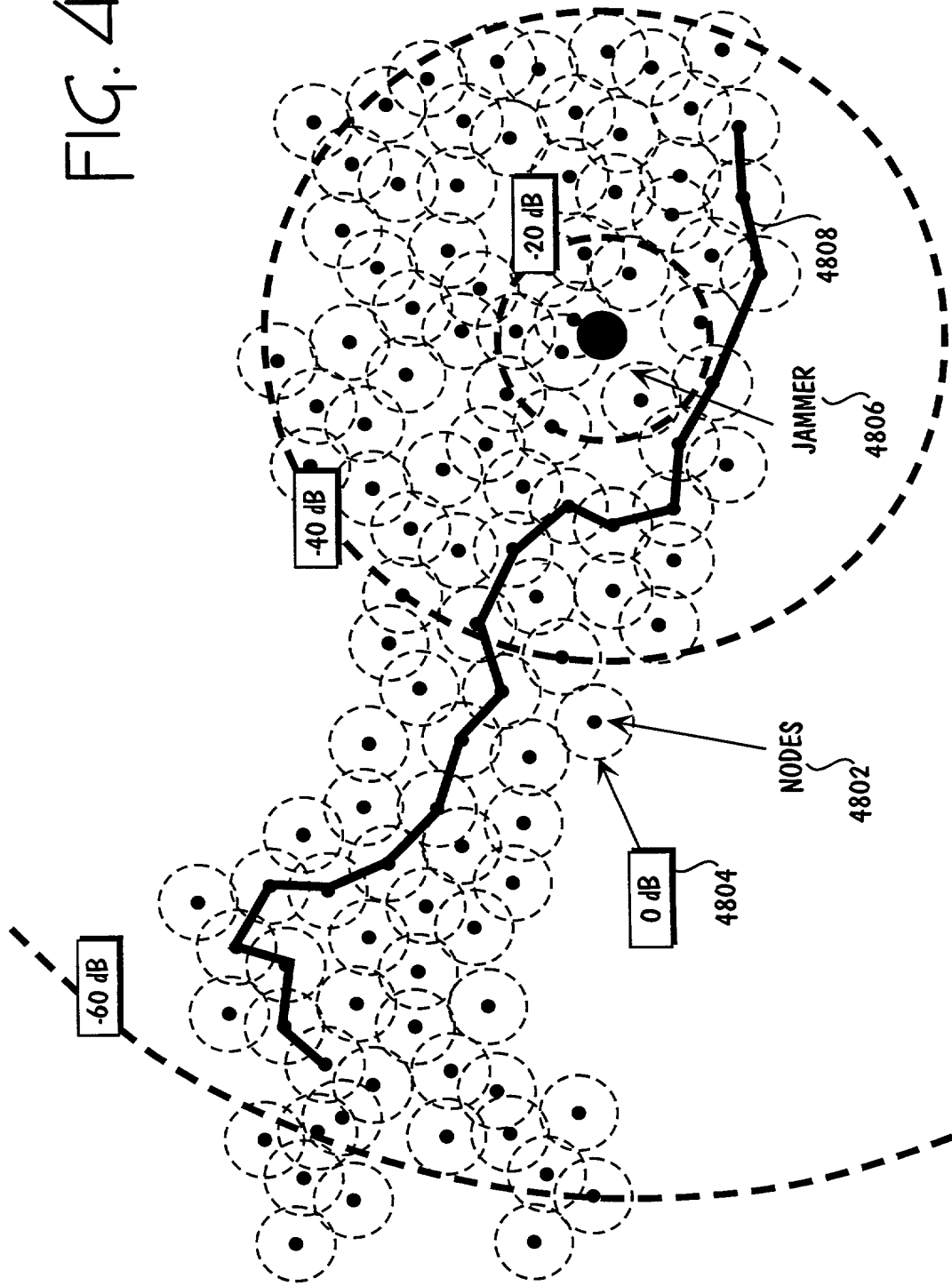


FIG. 48

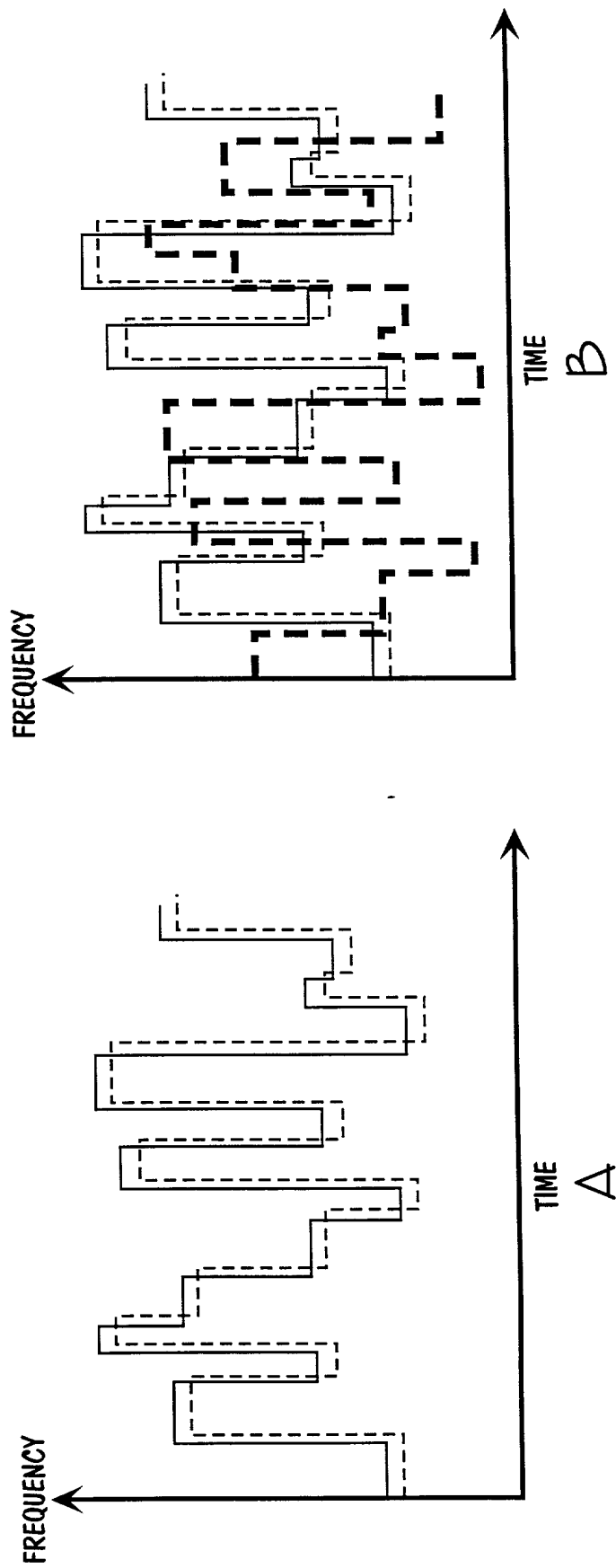


FIG. 49

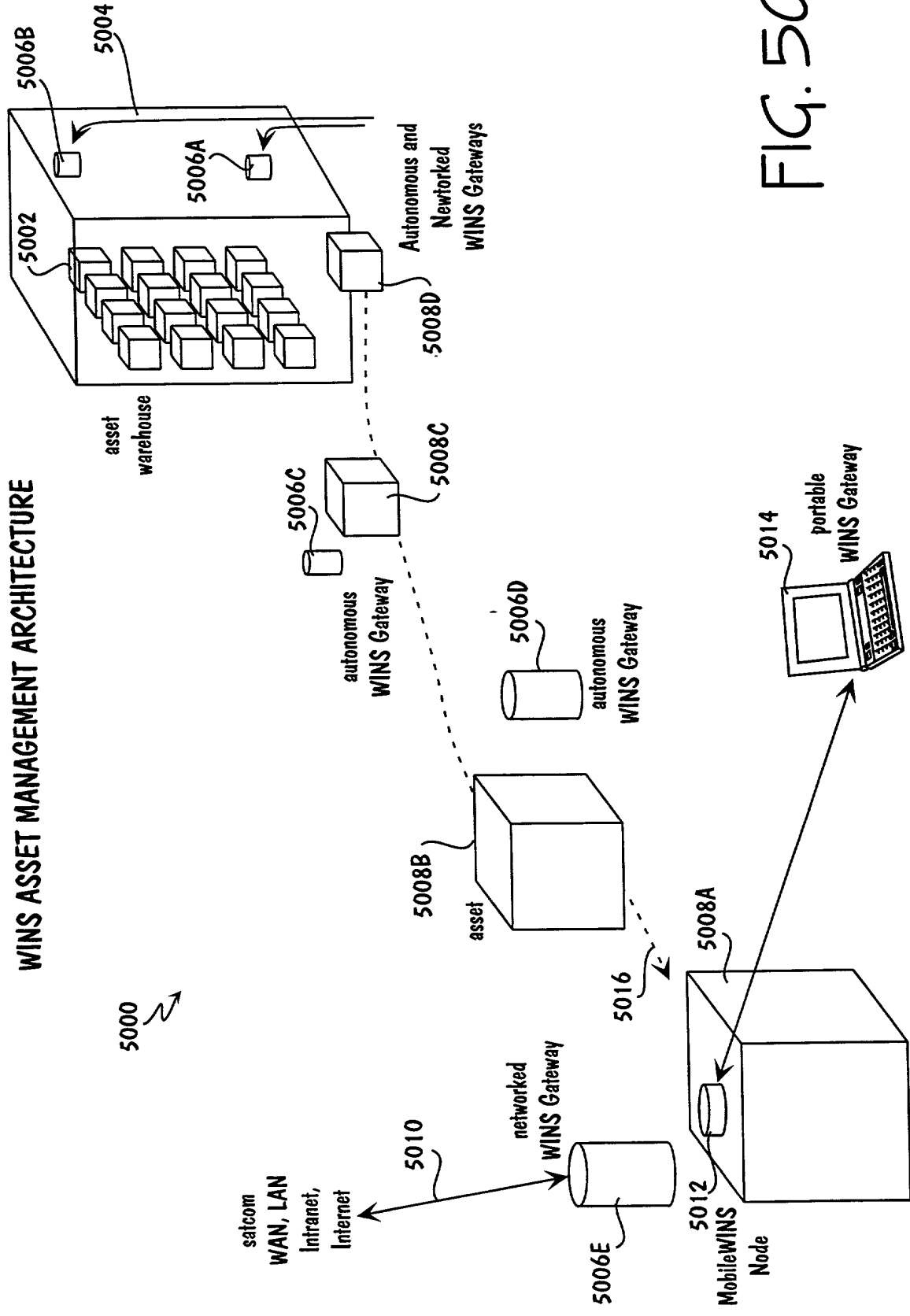


FIG. 50

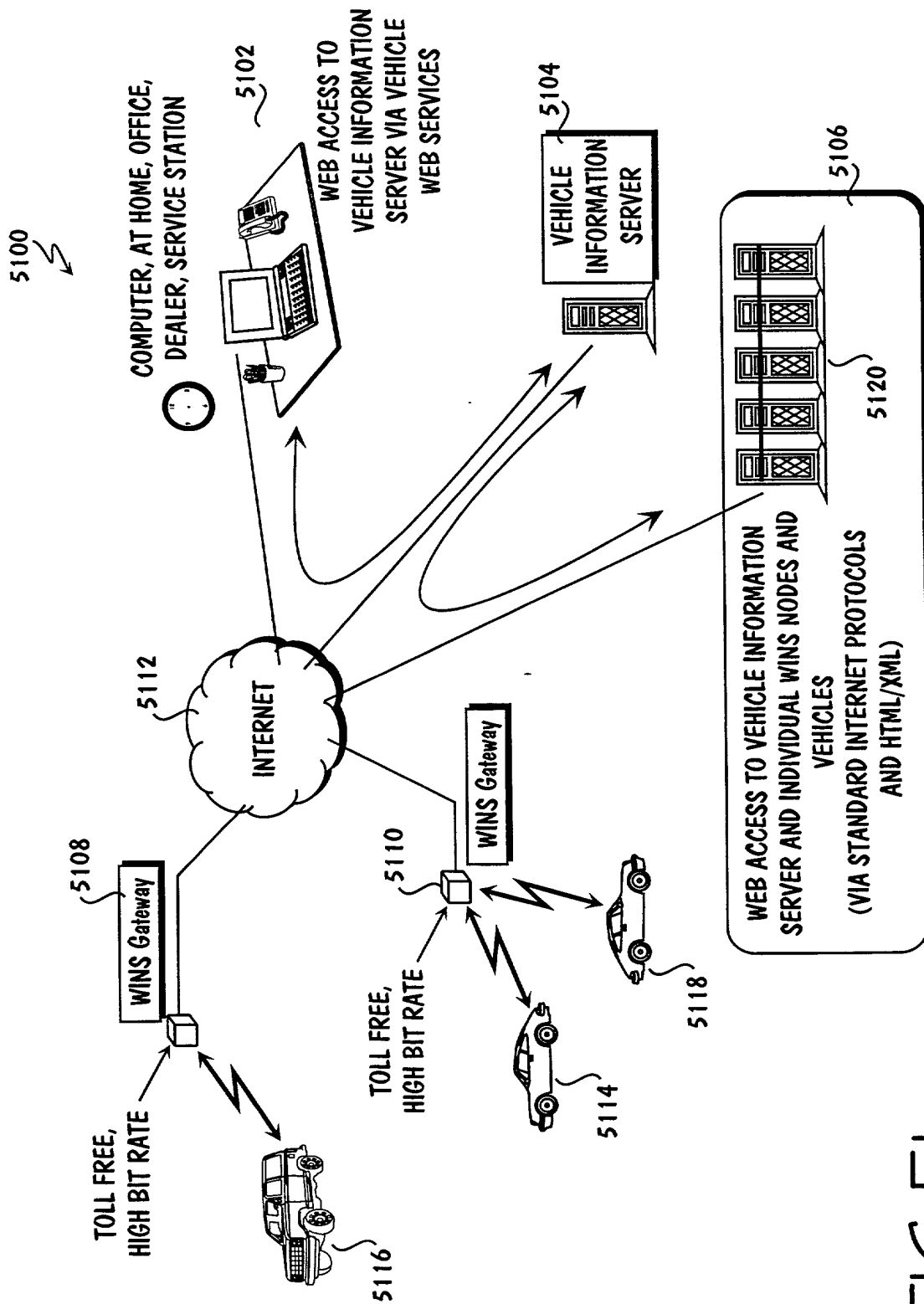


FIG. 51

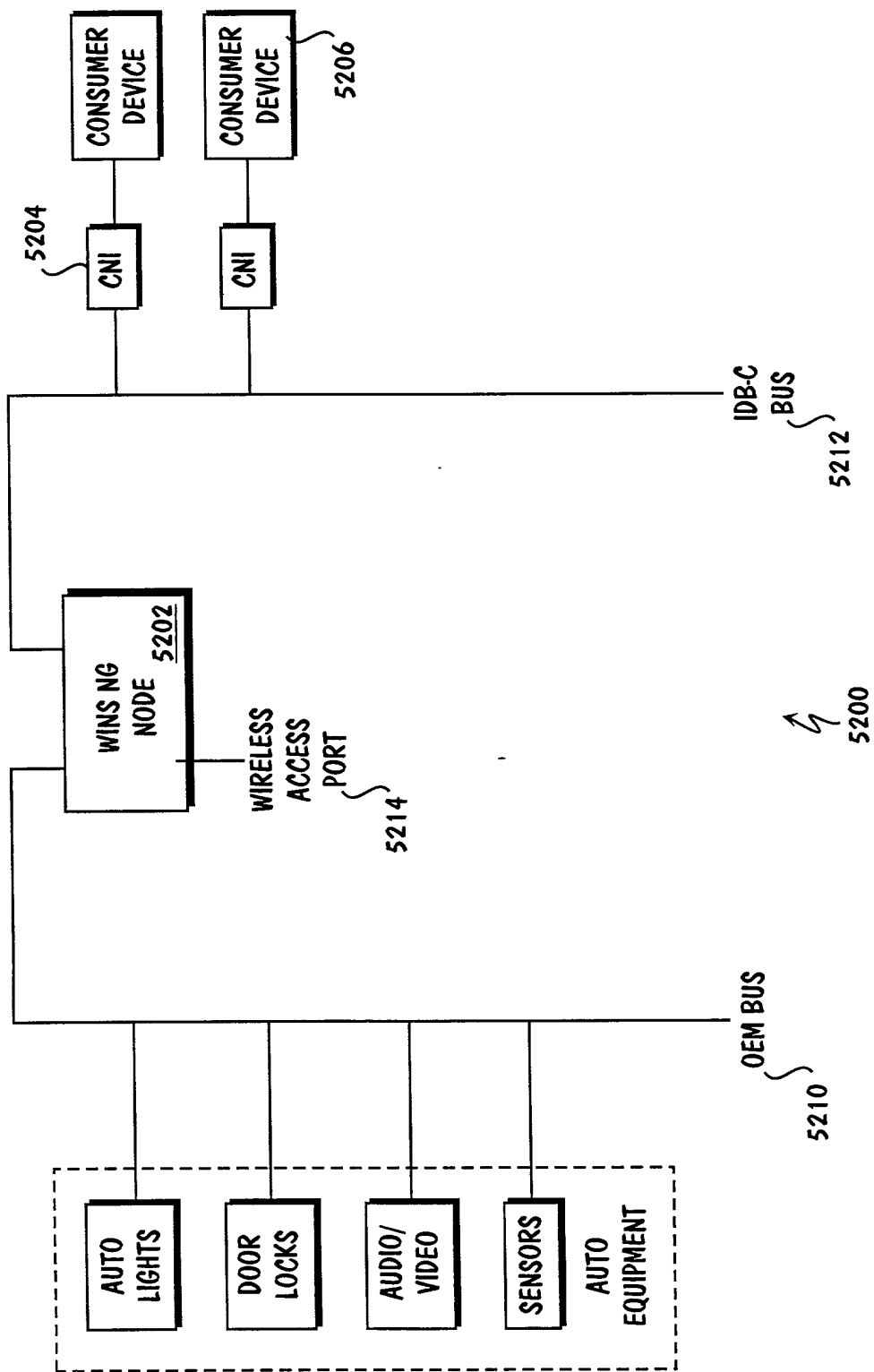


FIG. 52